

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018409.D
 Acq On : 12 Aug 2015 22:22
 Operator : UM/MA
 Sample : MDL-01-S-ML
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

Quant Time: Aug 13 04:12:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 04:07:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	89125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	394911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	260334	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	647374	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	621657	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	614834	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	9957	4.94	ng/uL	0.00
5) Phenol-d5	7.18	99	193727	23.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	121356	24.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	149968	24.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	166031	24.43	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	81558	26.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	91133	29.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	170945	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	242220	32.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	589699	26.92	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	720685	26.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	105427	26.76	ng/ul	0.00
58) Fluorene-d10	15.64	176	519839	27.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	68047	21.37	ng/ul	0.00
71) Anthracene-d10	17.49	188	842046	27.20	ng/ul	0.00
79) Pyrene-d10	19.77	212	885905	27.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	900316	27.58	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.51	88	208	0.10 ng/ul#	1
4) Benzaldehyde	7.16	77	79	0.02 ng/ul#	1
6) Phenol	7.23	94	197	0.02 ng/ul#	49
8) Bis(2-Chloroethyl)ether	7.43	93	1122	0.18 ng/ul#	83
10) 2-Chlorophenol	7.59	128	158	0.03 ng/ul#	32
11) 2-Methylphenol	8.51	108	54	0.01 ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.53	45	134	0.01 ng/ul#	69
14) Acetophenone	8.82	105	160	0.02 ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.81	70	60	0.01 ng/ul#	32
16) 4-Methylphenol	8.78	108	121	0.02 ng/ul	80
17) Hexachloroethane	9.10	117	59	0.02 ng/ul#	10
20) Nitrobenzene	9.22	77	141	0.02 ng/ul#	1
21) Isophorone	9.74	82	92	0.01 ng/ul#	66
24) 2,4-Dimethylphenol	10.04	107	65	0.01 ng/ul#	49
25) Bis(2-Chloroethoxy)methane	10.21	93	69	0.01 ng/ul#	1
27) 2,4-Dichlorophenol	10.46	162	69	0.01 ng/ul#	1
28) Naphthalene	10.83	128	282	0.01 ng/ul#	68
30) 4-Chloroaniline	10.97	127	122	0.02 ng/ul#	1
31) Hexachlorobutadiene	11.20	225	119	0.03 ng/ul#	19
32) Caprolactam	11.82	113	123	0.05 ng/ul#	61
33) 4-Chloro-3-methylphenol	12.09	107	166	0.02 ng/ul#	18
35) 1-Methylnaphthalene	12.70	142	34744	2.35 ng/ul#	92
41) 1,1'-Biphenyl	13.37	154	123	0.01 ng/ul#	40

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

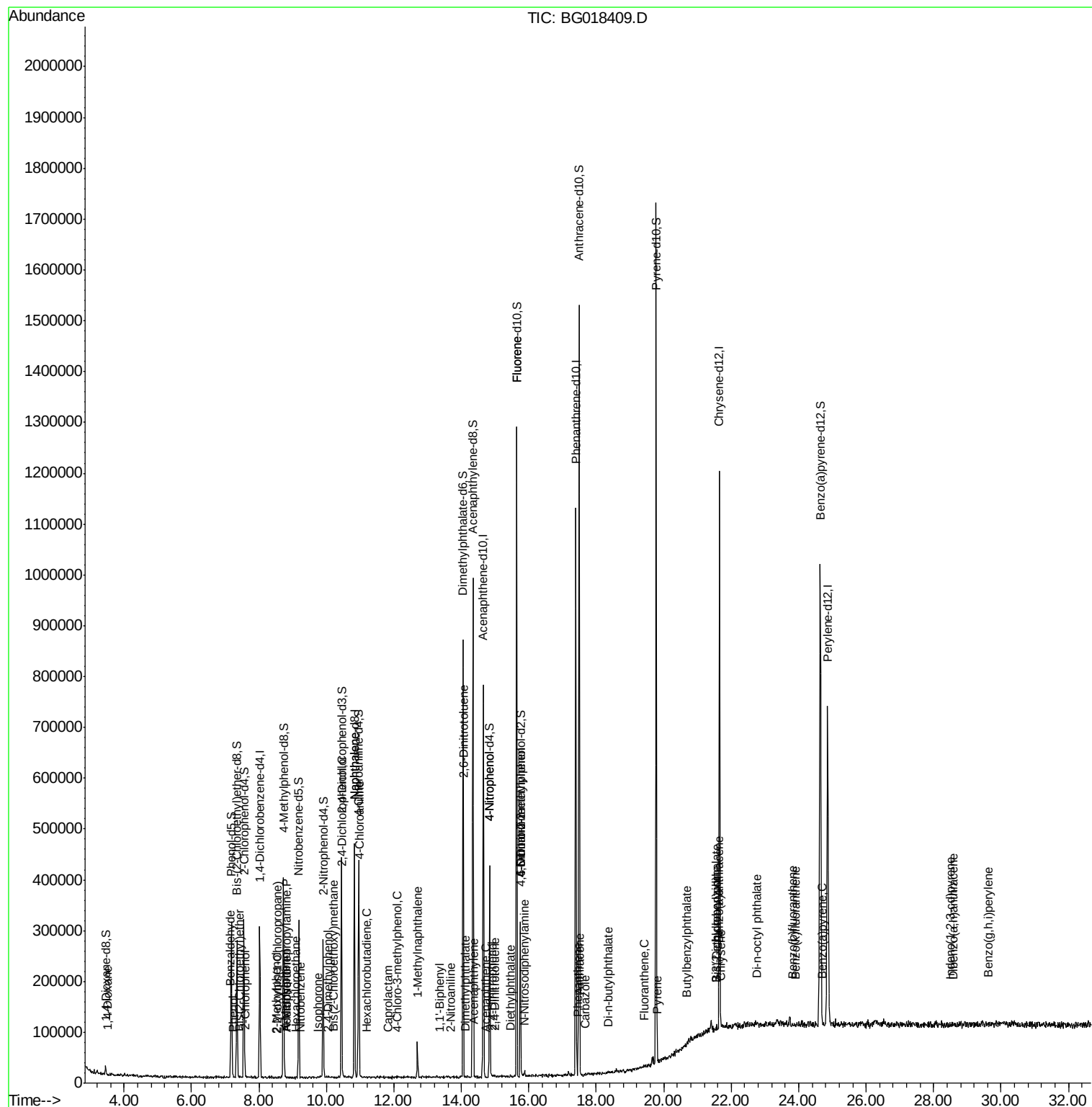
43) 2-Nitroaniline	13.69	65	128	0.02	ng/ul#	42
45) Dimethylphthalate	14.11	163	127	0.01	ng/ul#	78
46) 2,6-Dinitrotoluene	14.07	165	1147	0.27	ng/ul#	34
48) Acenaphthylene	14.38	152	68	0.00	ng/ul#	61
50) Acenaphthene	14.72	153	63	0.00	ng/ul#	15
51) 2,4-Dinitrophenol	14.91	184	87	0.04	ng/ul#	14
53) 4-Nitrophenol	14.84	109	382	0.11	ng/ul#	1
55) 2,4-Dinitrotoluene	14.98	165	252	0.04	ng/ul#	34
57) Diethylphthalate	15.46	149	295	0.01	ng/ul#	58
59) Fluorene	15.64	166	1480	0.07	ng/ul#	4
61) 4-Nitroaniline	15.75	138	629	0.13	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.76	198	74	0.02	ng/ul#	1
65) N-Nitrosodiphenylamine	15.87	169	75	0.00	ng/ul#	58
70) Phenanthrene	17.46	178	132	0.00	ng/ul#	58
72) Anthracene	17.52	178	70	0.00	ng/ul#	1
75) Carbazole	17.67	167	94	0.00	ng/ul#	57
76) Di-n-butylphthalate	18.34	149	930	0.02	ng/ul#	86
77) Fluoranthene	19.44	202	210	0.01	ng/ul#	71
80) Pyrene	19.81	202	55	0.00	ng/ul#	1
81) Butylbenzylphthalate	20.68	149	452	0.03	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.55	252	444	0.03	ng/ul#	86
83) Benzo(a)anthracene	21.62	228	56	0.00	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.55	149	1446	0.06	ng/ul#	86
85) Chrysene	21.70	228	54	0.00	ng/ul#	1
87) Di-n-octyl phthalate	22.77	149	613	0.02	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	206	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.90	252	219	0.01	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	141	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.51	276	80	0.00	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.58	278	77	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.61	276	253	0.01	ng/ul#	1

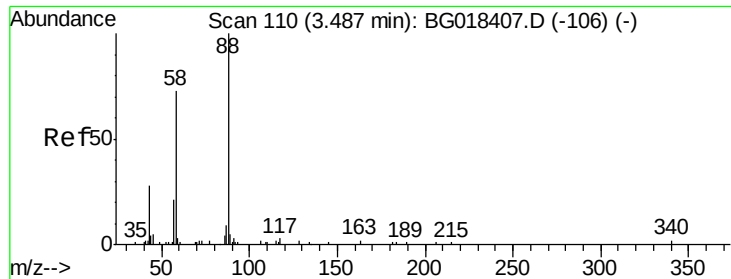
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.10 ng/uL

RT: 3.51 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

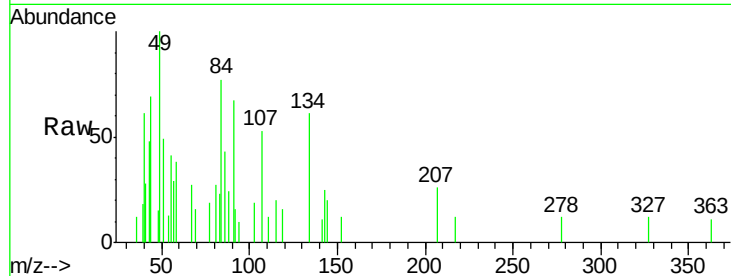
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

43 199.7 33.0 49.4#

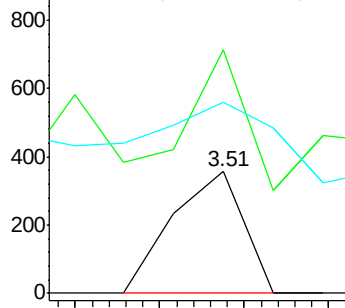
58 156.9 73.4 110.0#



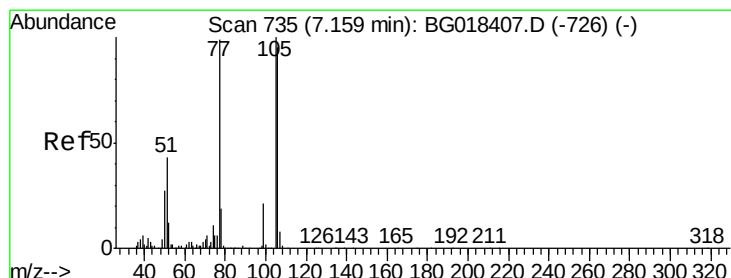
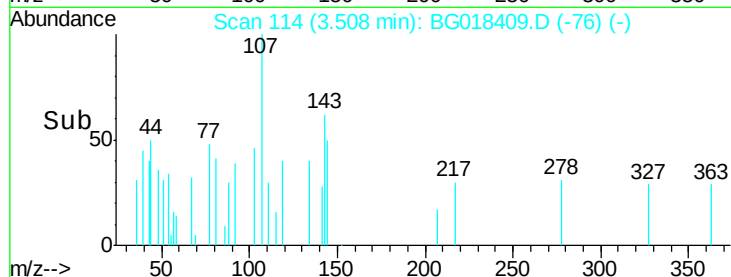
Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



Time-->



#4

Benzaldehyde

Concen: 0.02 ng/uL

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

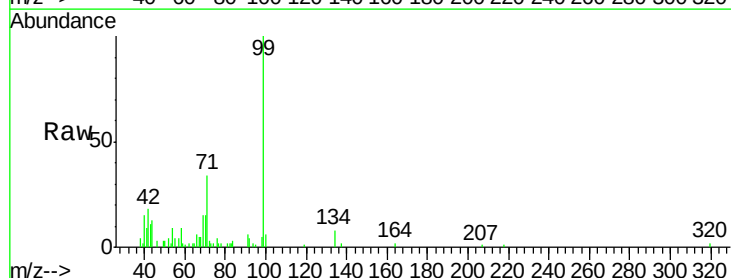
Tgt Ion: 77 Resp: 79

Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

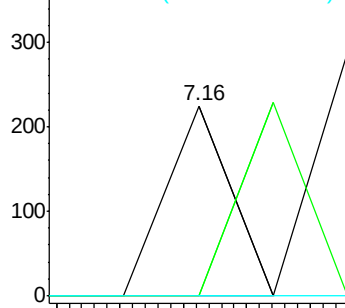
106 0.0 76.8 115.2#



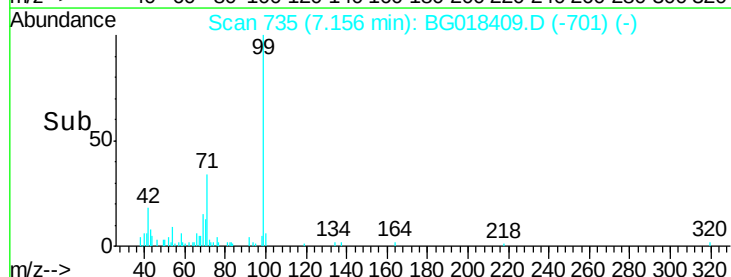
Abundance Ion 77.00 (76.70 to 77.70): BGC

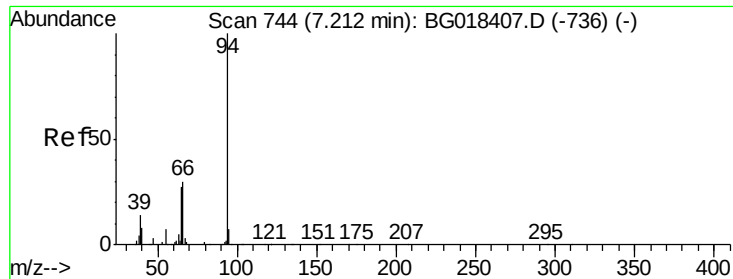
Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->





#6

Phenol

Concen: 0.02 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

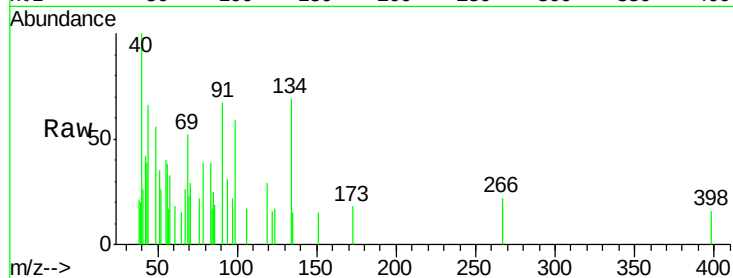
Tgt Ion: 94 Resp: 197

Ion Ratio Lower Upper

94 100

65 47.5 23.0 34.6#

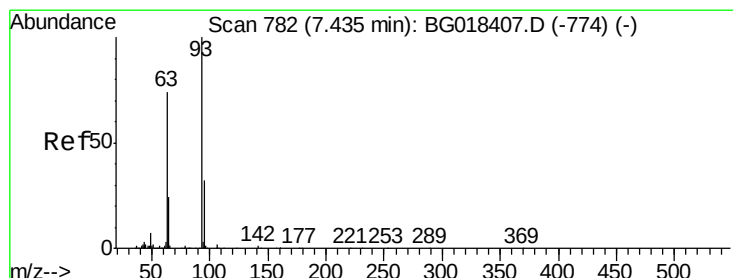
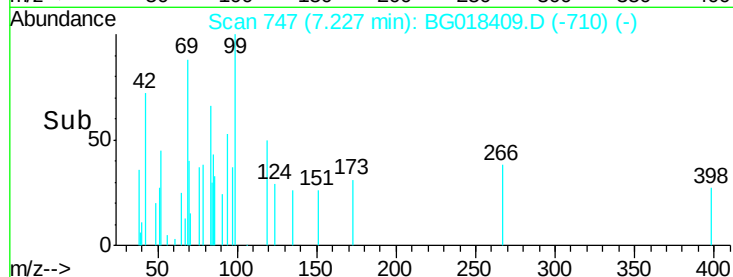
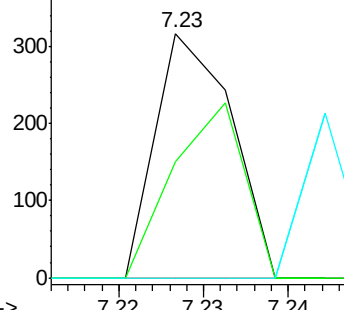
66 0.0 31.0 46.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 0.18 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

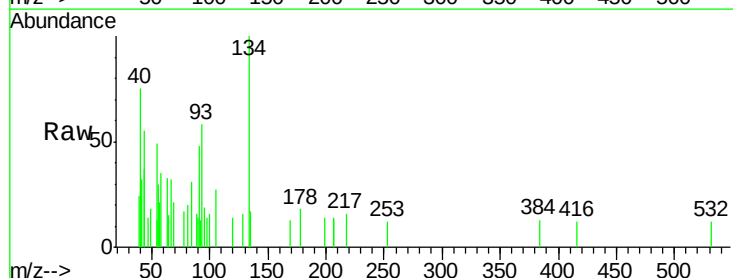
Tgt Ion: 93 Resp: 1122

Ion Ratio Lower Upper

93 100

63 56.9 61.4 92.2#

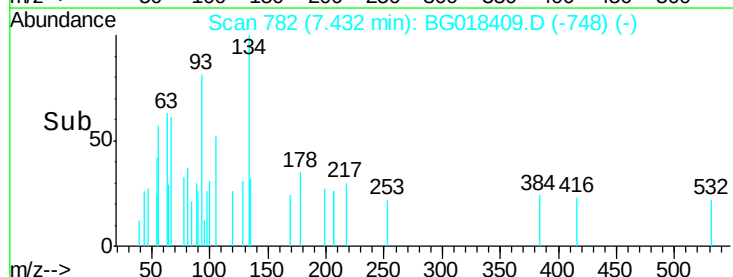
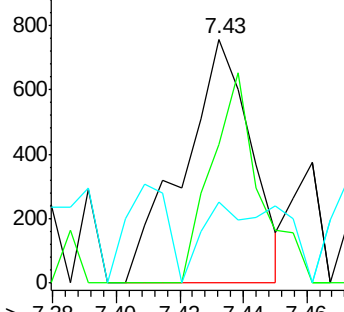
95 33.1 25.9 38.9

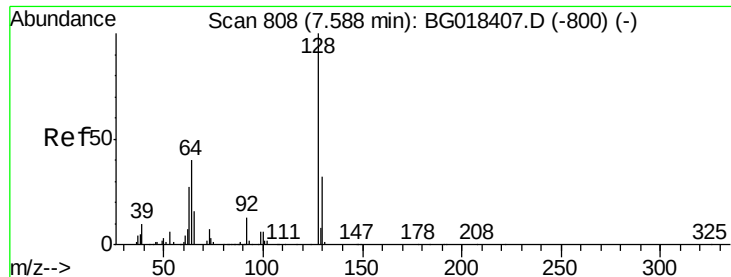


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

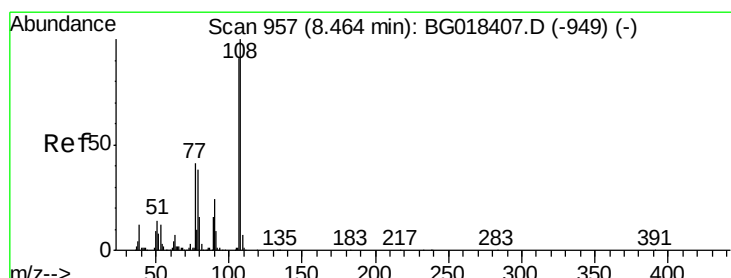
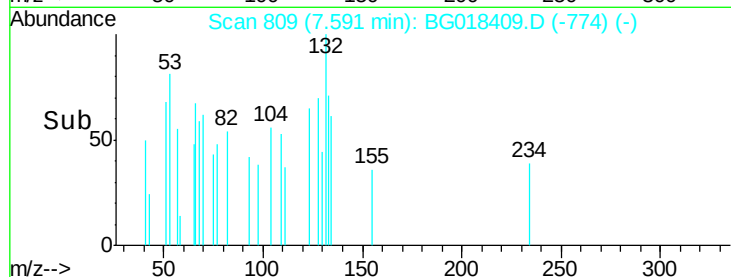
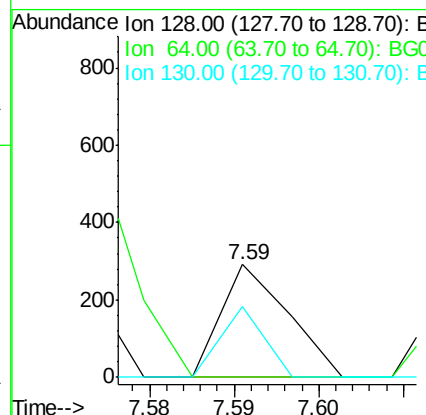
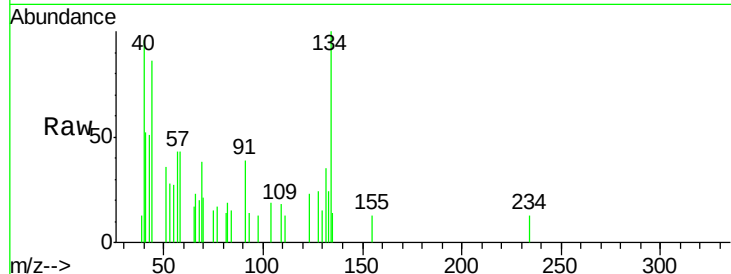




#10
2-Chlorophenol
Concen: 0.03 ng/ul
RT: 7.59 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

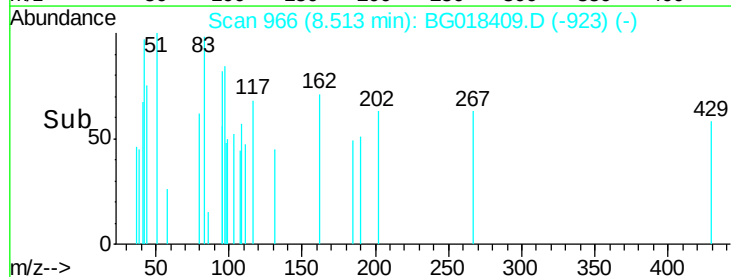
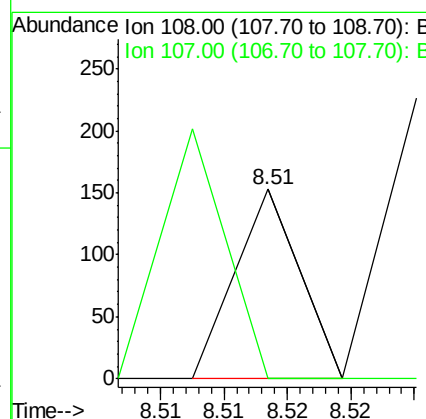
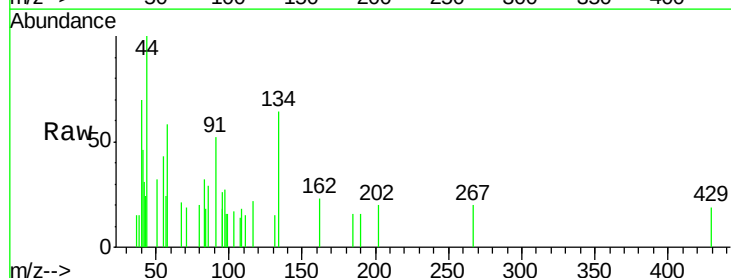
Instrument :
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ClientSampleId :
MDL-02-S-ML

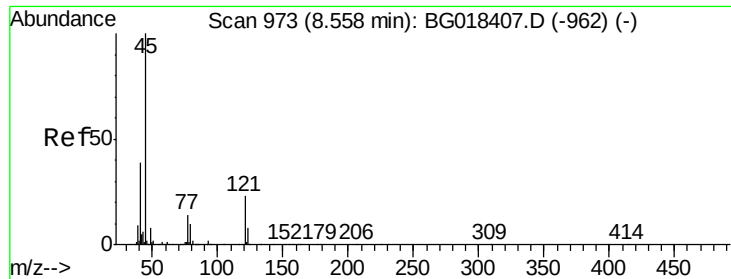
Tgt Ion	Ratio	Lower	Upper
128	100		
64	0.0	40.9	61.3#
130	63.2	24.5	36.7#



#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.51 min Scan# 966
Delta R.T. 0.05 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Tgt Ion	Ratio	Lower	Upper
108	100		
107	0.0	72.1	108.1#

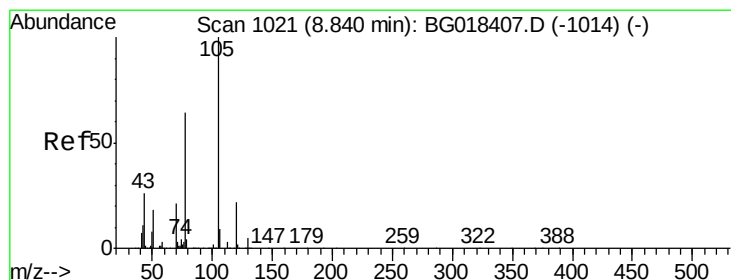
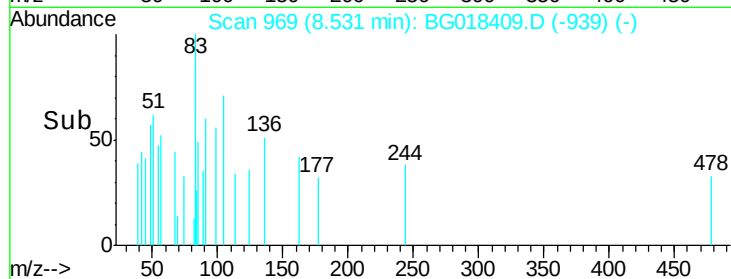
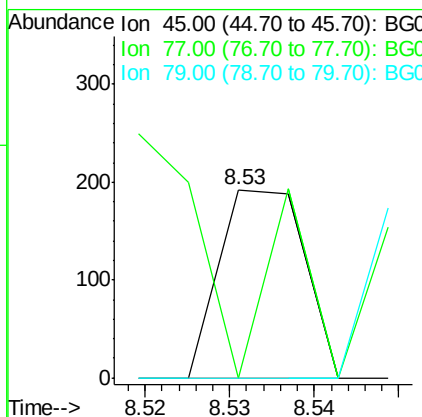
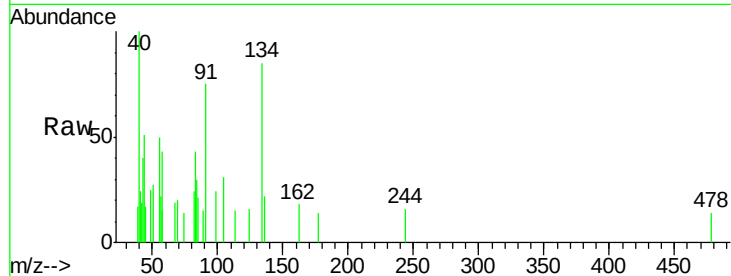




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.01 ng/ul
 RT: 8.53 min Scan# 969
 Delta R.T. -0.03 min
 Lab File: BG018409.D
 Acq: 12 Aug 2015 22:22

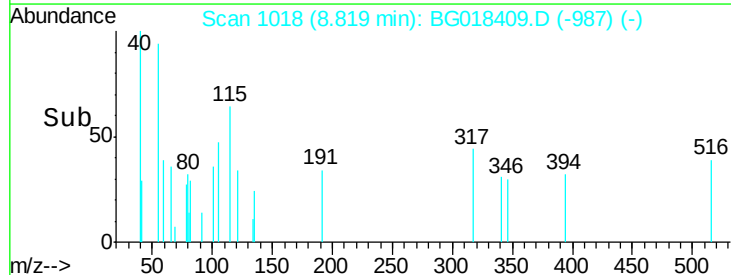
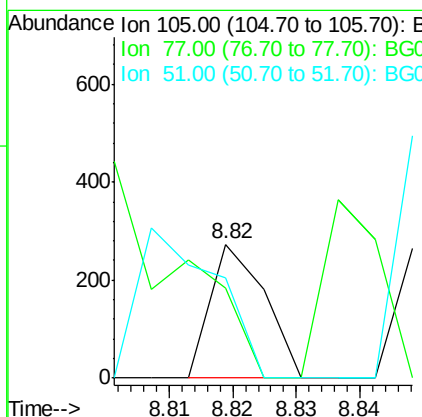
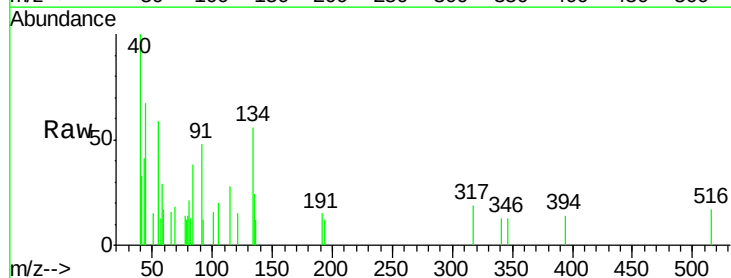
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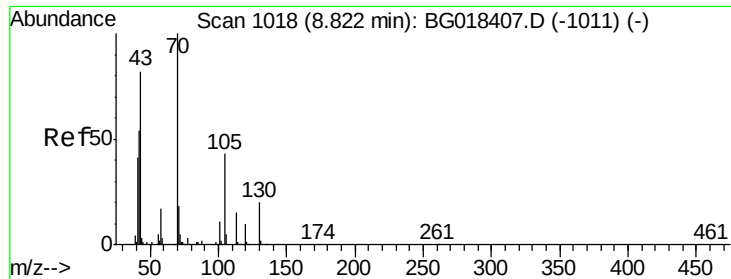
Tgt Ion: 45 Resp: 134
 Ion Ratio Lower Upper
 45 100
 77 0.0 11.3 16.9#
 79 0.0 7.8 11.8#



#14
 Acetophenone
 Concen: 0.02 ng/ul
 RT: 8.82 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG018409.D
 Acq: 12 Aug 2015 22:22

Tgt Ion: 105 Resp: 160
 Ion Ratio Lower Upper
 105 100
 77 67.0 61.9 92.9
 51 74.7 25.5 38.3#

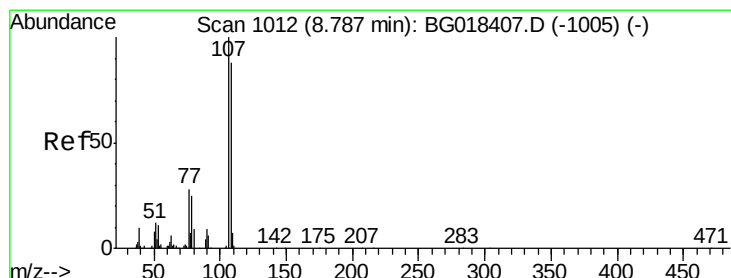
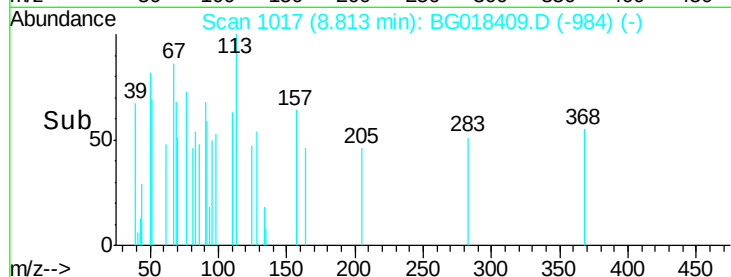
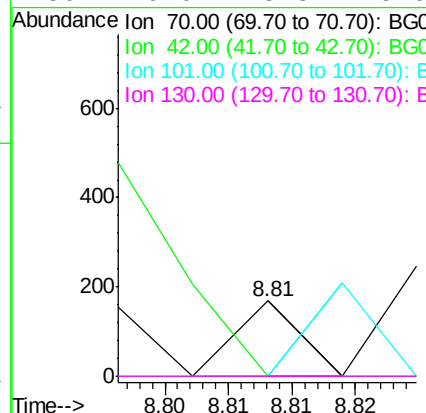
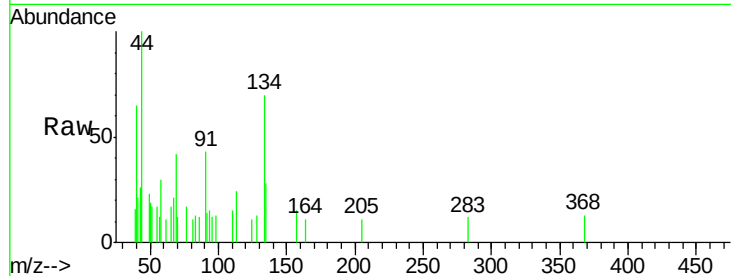




#15
N-Nitroso-di-n-propylamine
Concen: 0.01 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

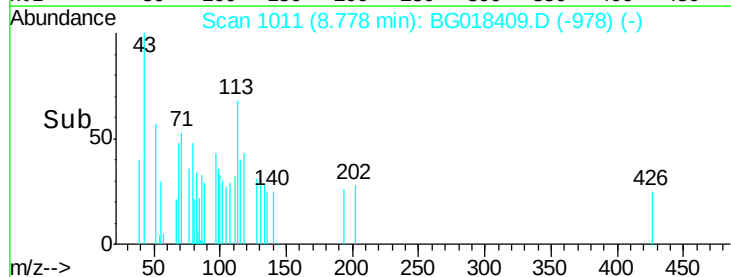
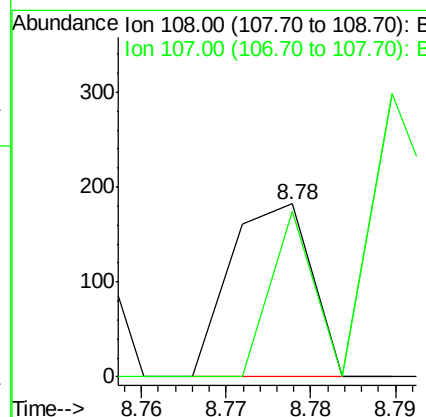
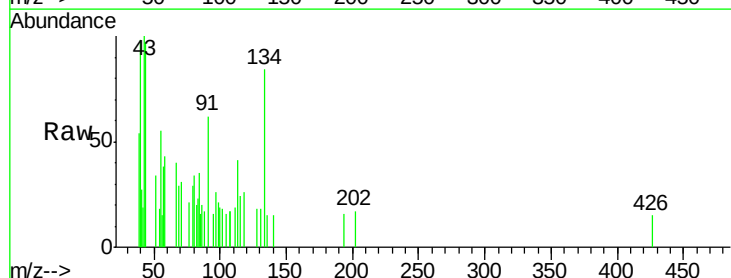
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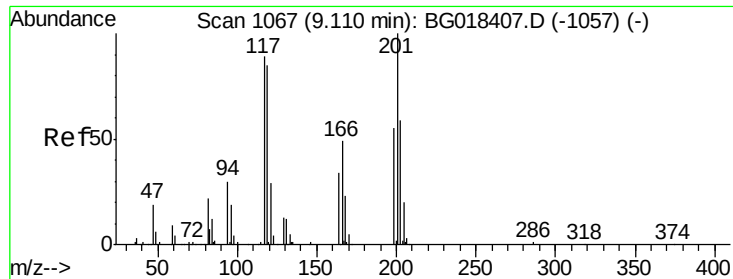
Tgt Ion: 70 Resp: 60
Ion Ratio Lower Upper
70 100
42 0.0 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.78 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Tgt Ion: 108 Resp: 121
Ion Ratio Lower Upper
108 100
107 96.2 94.6 142.0





#17

Hexachloroethane

Concen: 0.02 ng/ul

RT: 9.10 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

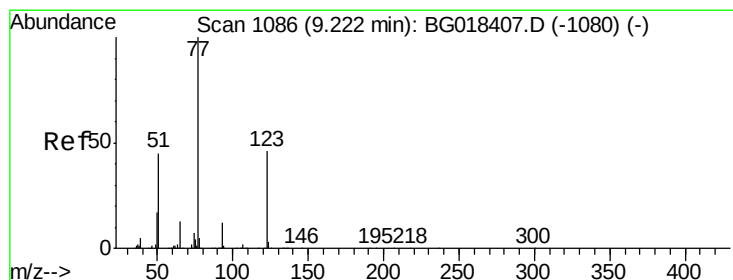
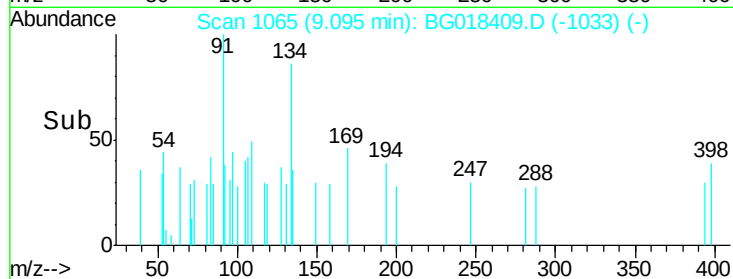
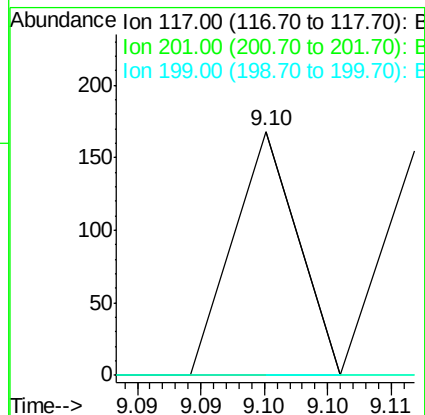
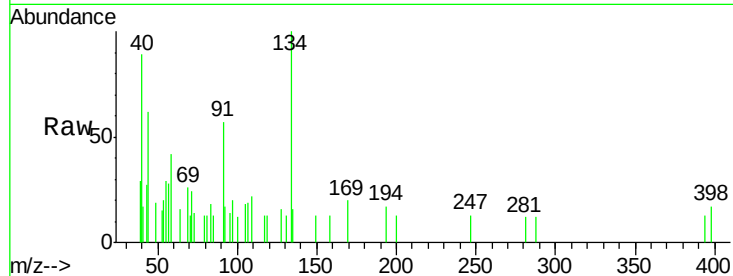
BNA_G

ClientSampleId :

MDL-02-S-ML

Tgt Ion:117 Resp: 59

Ion	Ratio	Lower	Upper
117	100		
201	0.0	73.6	110.4#
199	0.0	48.6	72.8#



#20

Nitrobenzene

Concen: 0.02 ng/ul

RT: 9.22 min Scan# 1087

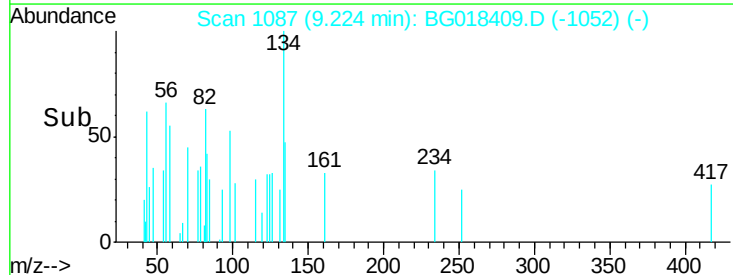
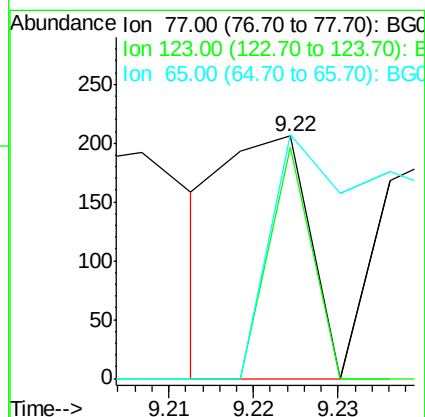
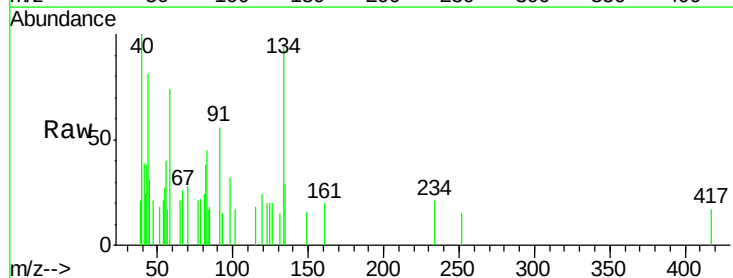
Delta R.T. 0.00 min

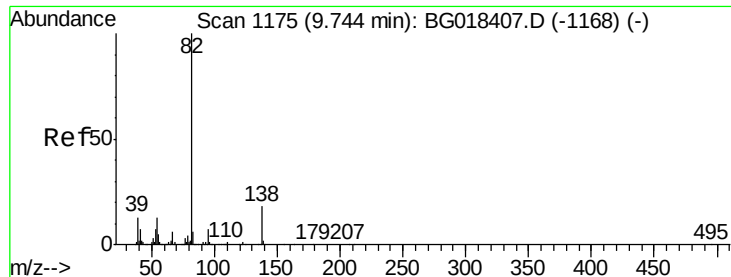
Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Tgt Ion: 77 Resp: 141

Ion	Ratio	Lower	Upper
77	100		
123	95.1	32.8	49.2#
65	100.5	12.2	18.2#





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.74 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

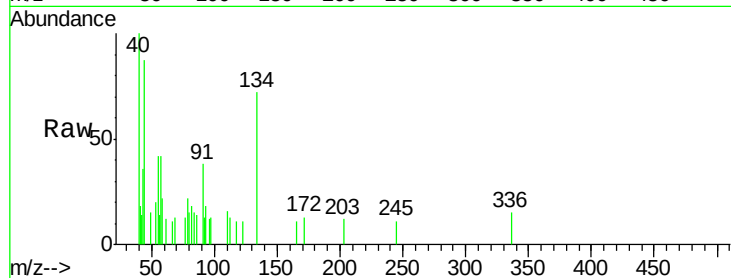
Tgt Ion: 82 Resp: 92

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BG018407.D (-1168) (-)

Ion 95.00 (94.70 to 95.70): BG018407.D (-1168) (-)

Ion 138.00 (137.70 to 138.70): BG018407.D (-1168) (-)

Time-->

9.73 9.73 9.74 9.74 9.75

300

200

100

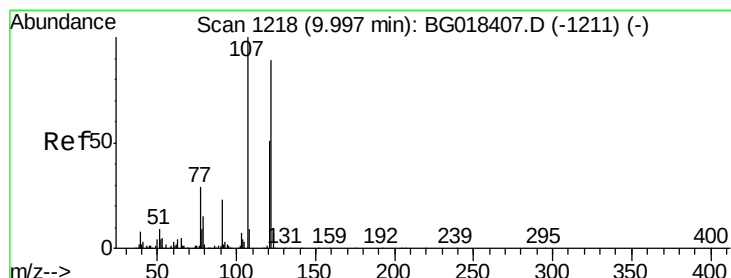
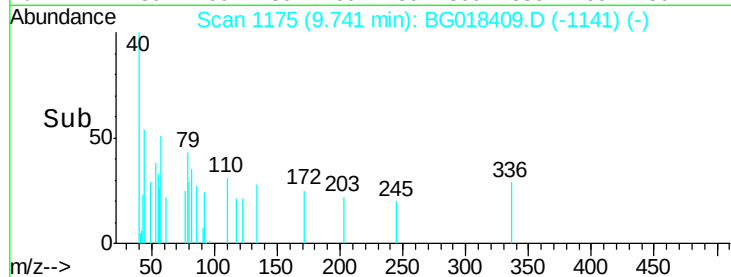
0

9.73 9.73 9.74 9.74 9.75

Time-->

9.73 9.73 9.74 9.74 9.75

Time-->



#24

2,4-Dimethylphenol

Concen: 0.01 ng/ul

RT: 10.04 min Scan# 1225

Delta R.T. 0.04 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

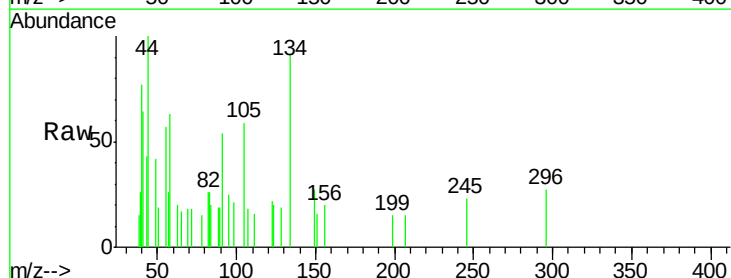
Tgt Ion: 107 Resp: 65

Ion Ratio Lower Upper

107 100

121 0.0 41.3 61.9#

122 125.4 71.9 107.9#



Abundance Ion 107.00 (106.70 to 107.70): BG018407.D (-1211) (-)

Ion 121.00 (120.70 to 121.70): BG018407.D (-1211) (-)

Ion 122.00 (121.70 to 122.70): BG018407.D (-1211) (-)

Time-->

10.02 10.03 10.04 10.04 10.05

Time-->

Time-->

Time-->

Time-->

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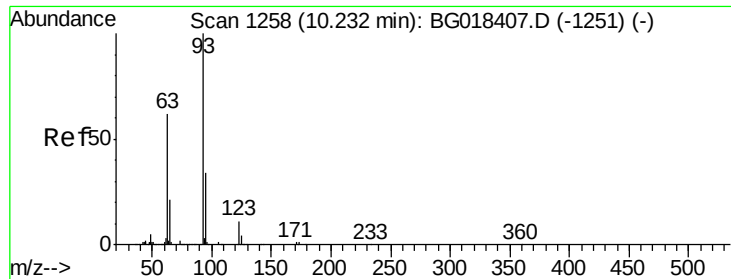
Time-->

Time-->

Time-->

Time-->

Time-->



#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.21 min Scan# 1254

Delta R.T. -0.03 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

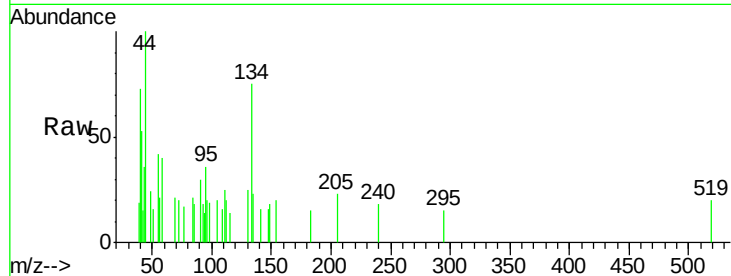
Tgt Ion: 93 Resp: 69

Ion Ratio Lower Upper

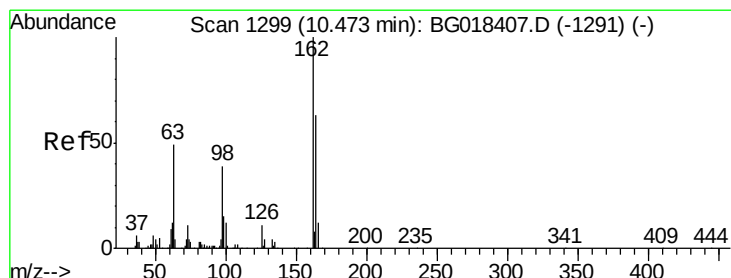
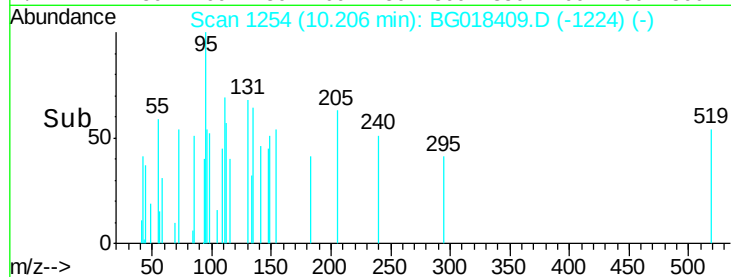
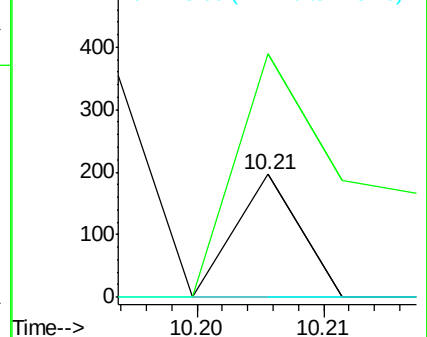
93 100

95 198.5 24.1 36.1#

123 0.0 8.9 13.3#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#27

2,4-Dichlorophenol

Concen: 0.01 ng/ul

RT: 10.46 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

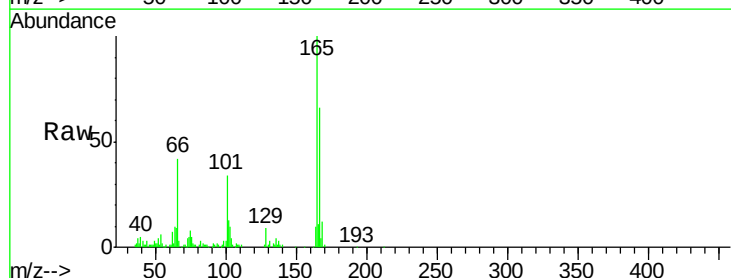
Tgt Ion:162 Resp: 69

Ion Ratio Lower Upper

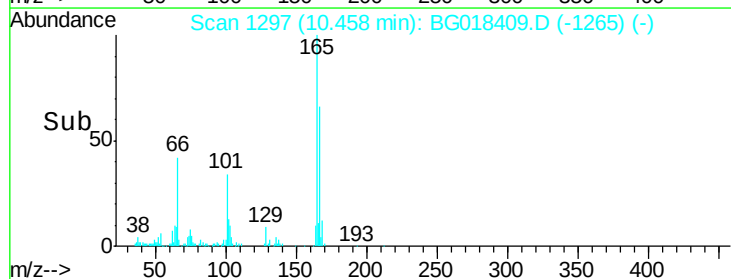
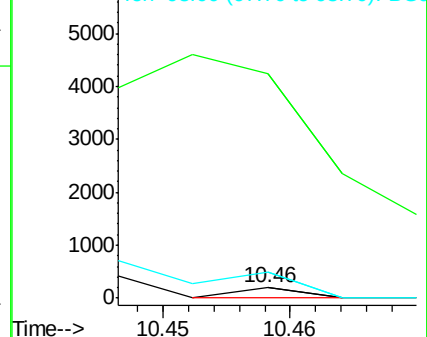
162 100

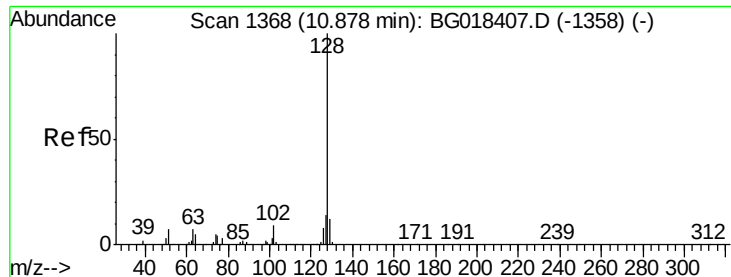
164 2176.9 51.7 77.5#

98 257.4 30.4 45.6#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC





#28

Naphthalene

Concen: 0.01 ng/ul

RT: 10.83 min Scan# 1360

Delta R.T. -0.05 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

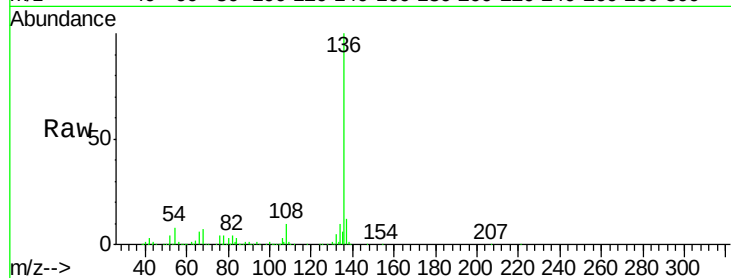
Tgt Ion:128 Resp: 282

Ion Ratio Lower Upper

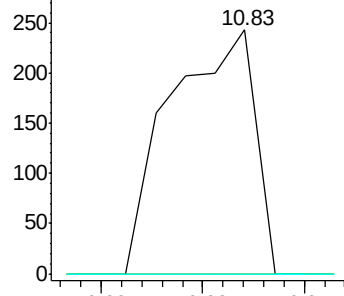
128 100

129 0.0 9.6 14.4#

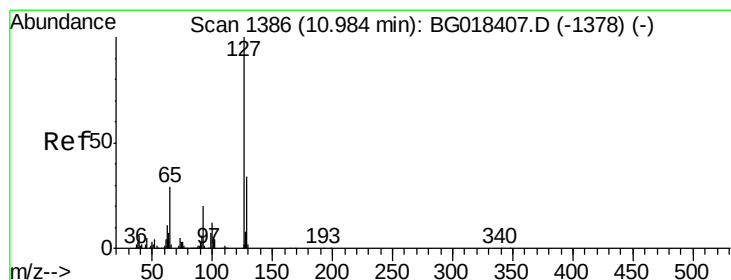
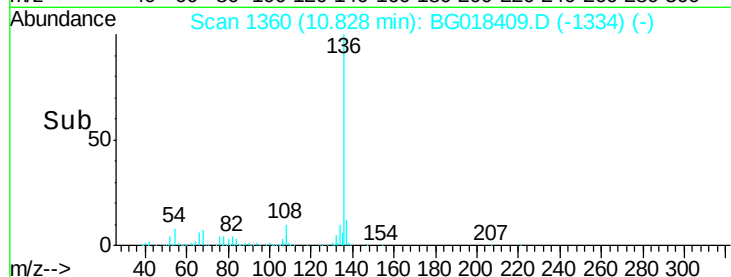
127 0.0 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#30

4-Chloroaniline

Concen: 0.02 ng/ul

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG018409.D

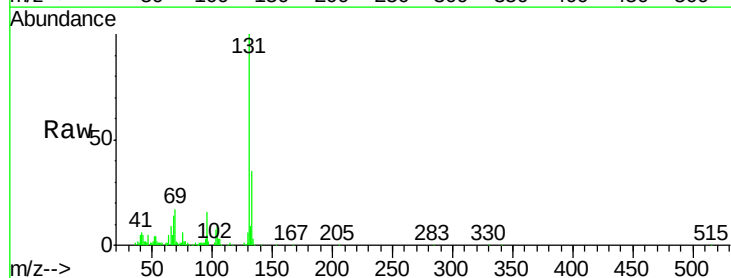
Acq: 12 Aug 2015 22:22

Tgt Ion:127 Resp: 122

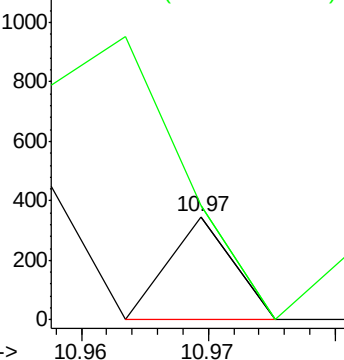
Ion Ratio Lower Upper

127 100

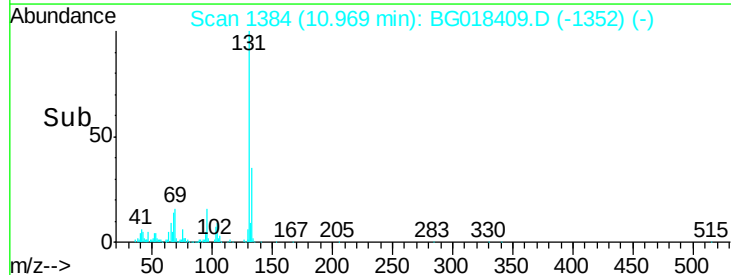
129 110.7 26.7 40.1#

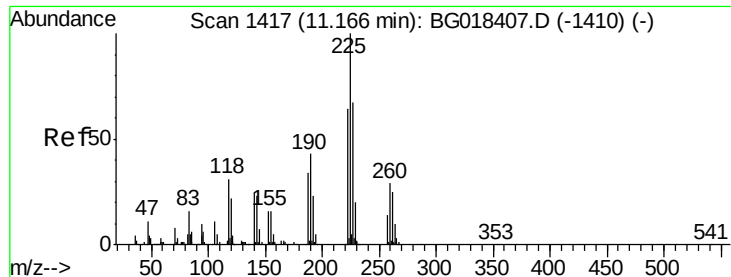


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E



Time-->

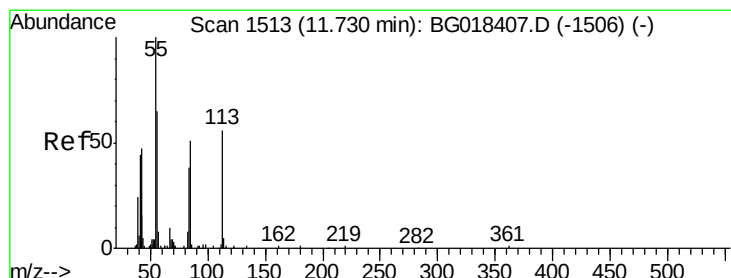
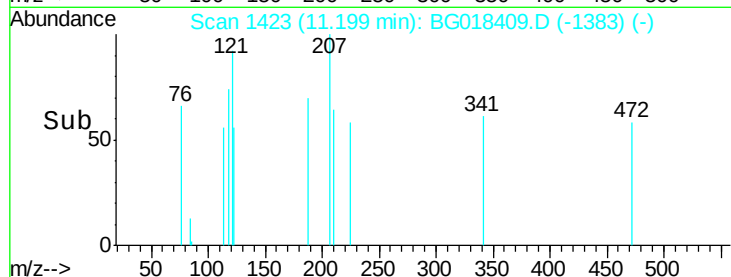
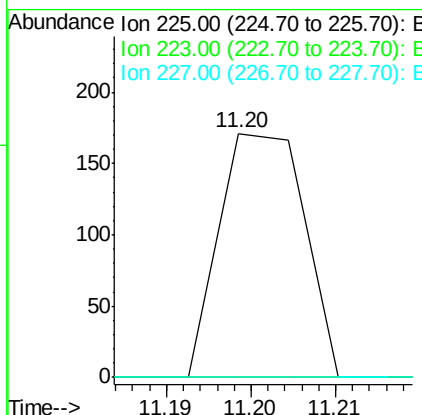
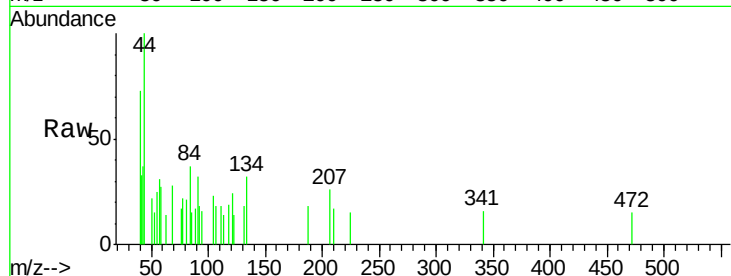




#31
Hexachlorobutadiene
Concen: 0.03 ng/ul
RT: 11.20 min Scan# 1423
Delta R.T. 0.03 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

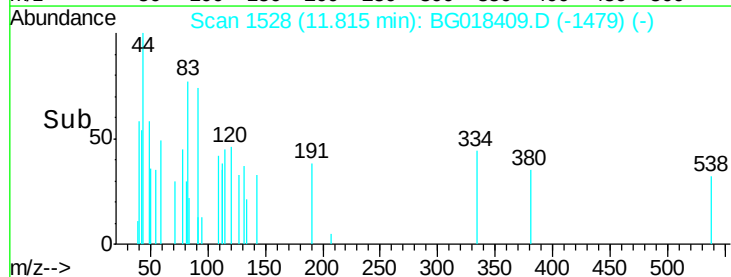
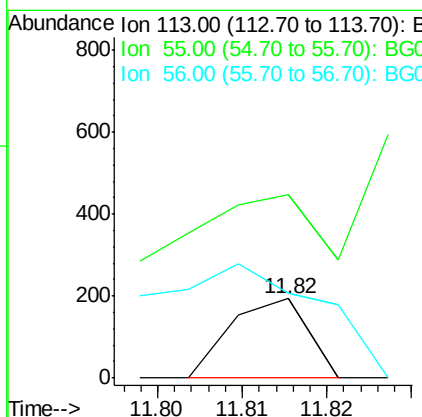
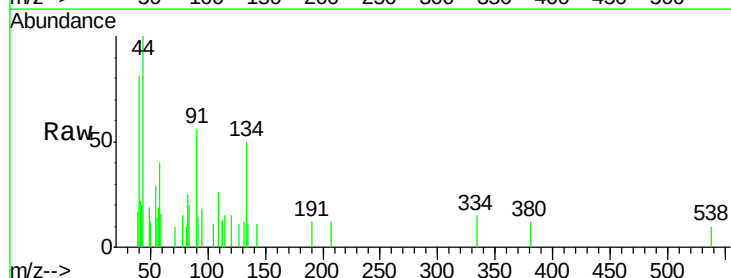
Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

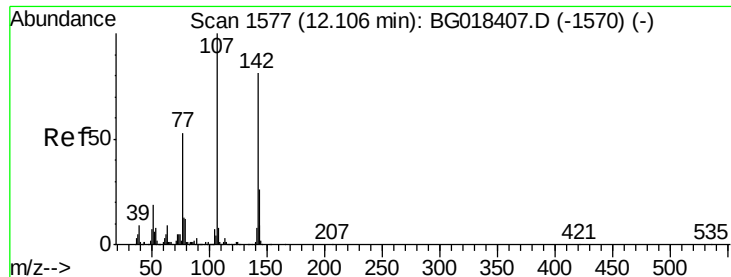
Tgt Ion: 225 Resp: 119
Ion Ratio Lower Upper
225 100
223 0.0 45.8 68.8#
227 0.0 54.0 81.0#



#32
Caprolactam
Concen: 0.05 ng/ul
RT: 11.82 min Scan# 1528
Delta R.T. 0.09 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Tgt Ion: 113 Resp: 123
Ion Ratio Lower Upper
113 100
55 231.4 124.2 186.4#
56 107.2 98.2 147.4





#33

4-Chloro-3-methylphenol

Concen: 0.02 ng/ul

RT: 12.09 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

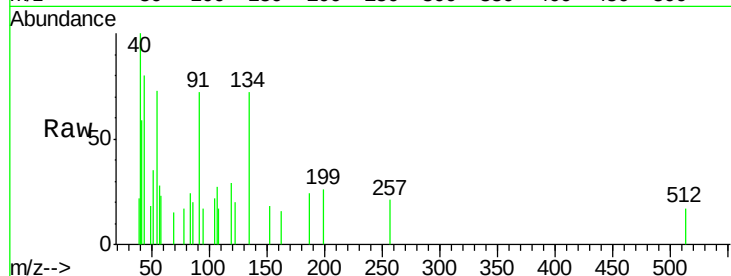
Tgt Ion:107 Resp: 166

Ion Ratio Lower Upper

107 100

144 0.0 21.4 32.2#

142 0.0 66.0 99.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->

12.08 12.09 12.10

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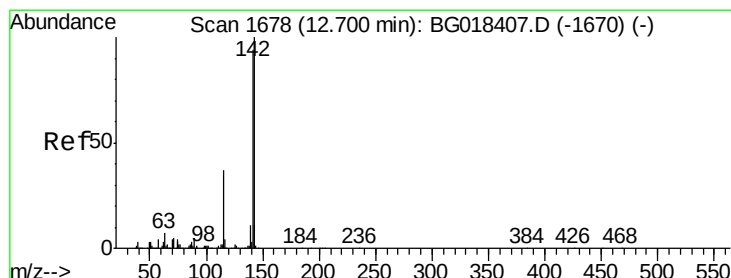
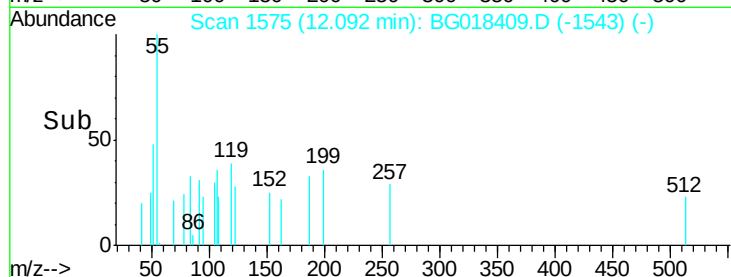
12.09

12.09

12.09

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12.09



#35

1-Methylnaphthalene

Concen: 2.35 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

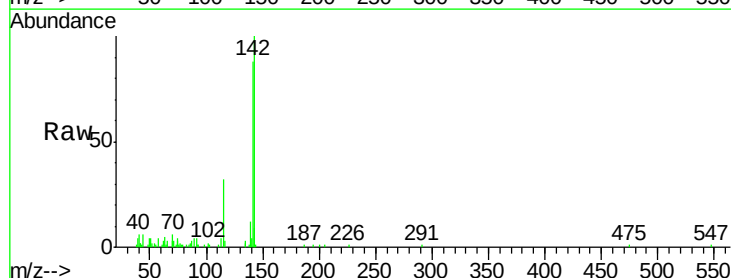
Tgt Ion:142 Resp: 34744

Ion Ratio Lower Upper

142 100

141 88.4 77.1 115.7

116 3.2 3.5 5.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

Time-->

12.65 12.70 12.75

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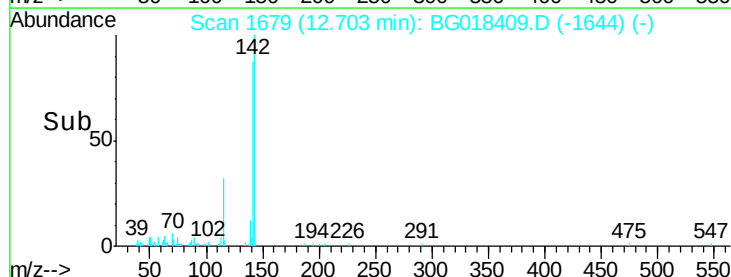
12.70

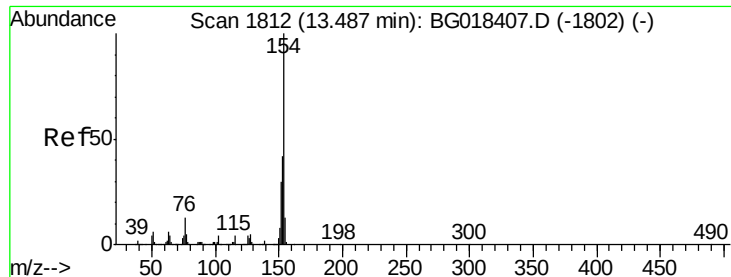
12.70

12.70

12.70

12.70

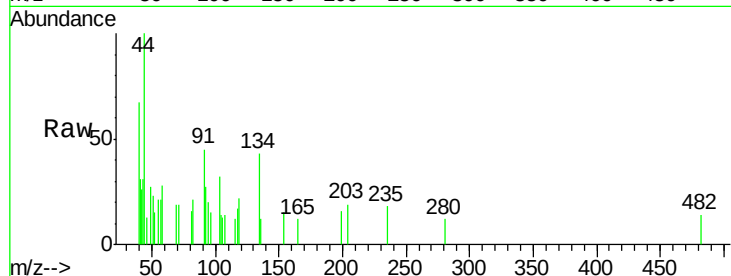




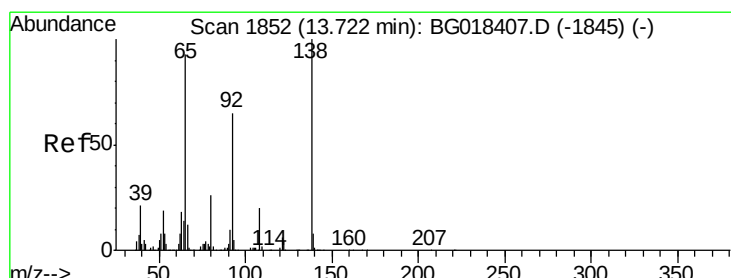
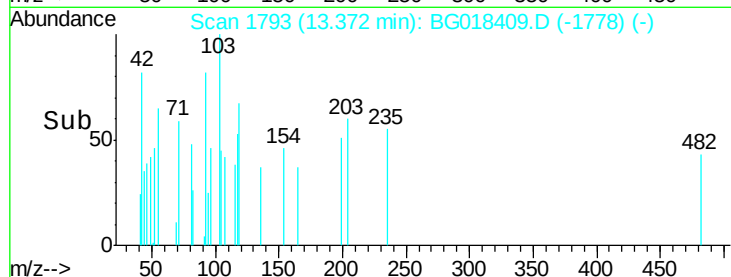
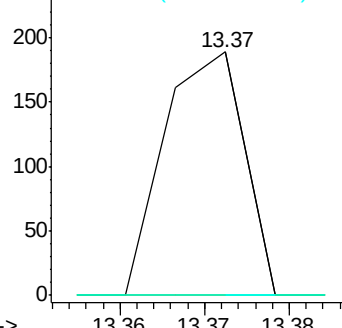
#41
1,1'-Biphenyl
Concen: 0.01 ng/ul
RT: 13.37 min Scan# 1793
Delta R.T. -0.11 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	35.2	52.8#
76	0.0	10.6	16.0#

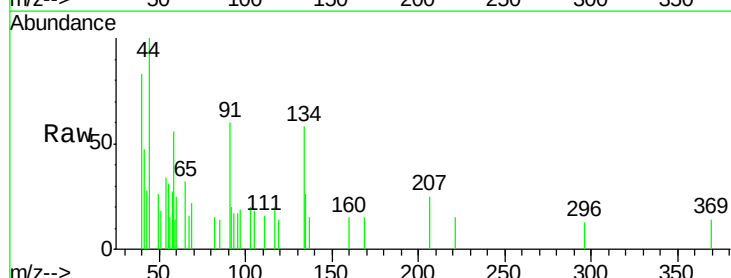


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

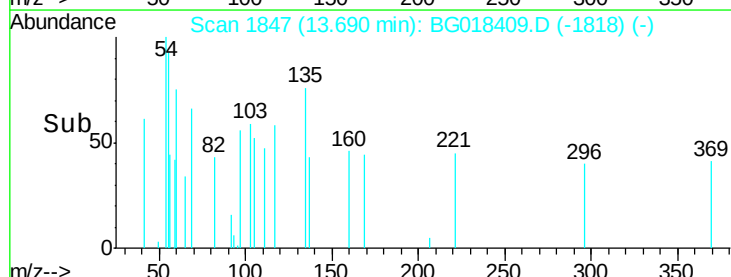
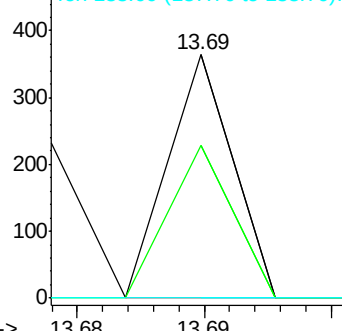


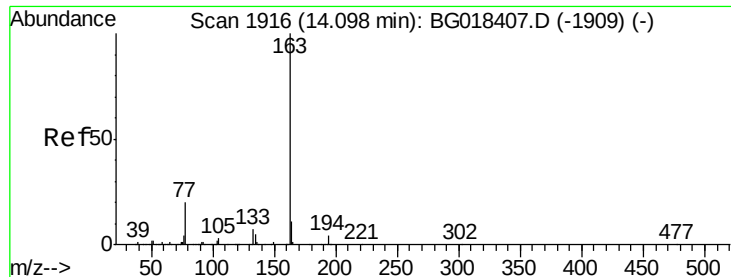
#43
2-Nitroaniline
Concen: 0.02 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.03 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	51.1	76.7
138	0.0	75.1	112.7#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#45

Dimethylphthalate

Concen: 0.01 ng/ul

RT: 14.11 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

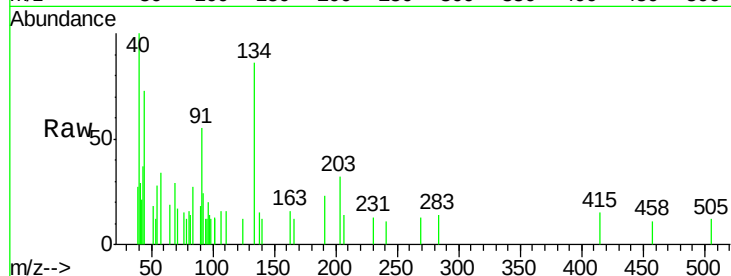
Tgt Ion:163 Resp: 127

Ion Ratio Lower Upper

163 100

194 0.0 2.9 4.3#

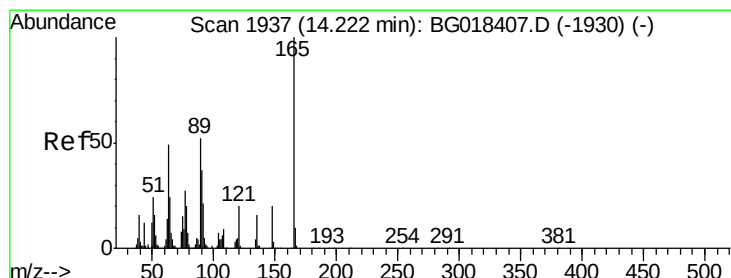
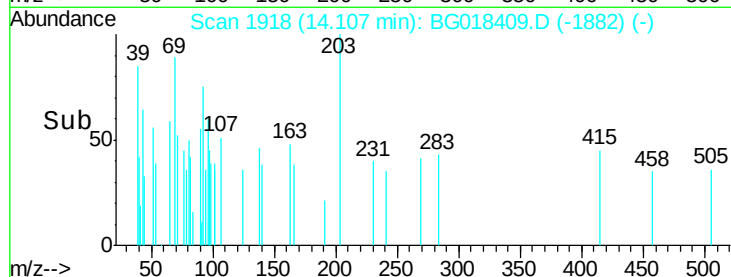
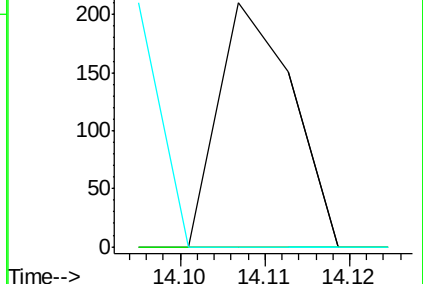
164 0.0 7.7 11.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 0.27 ng/ul

RT: 14.07 min Scan# 1911

Delta R.T. -0.16 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

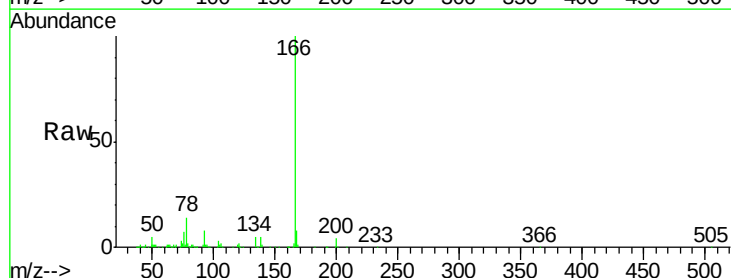
Tgt Ion:165 Resp: 1147

Ion Ratio Lower Upper

165 100

89 0.0 50.2 75.2#

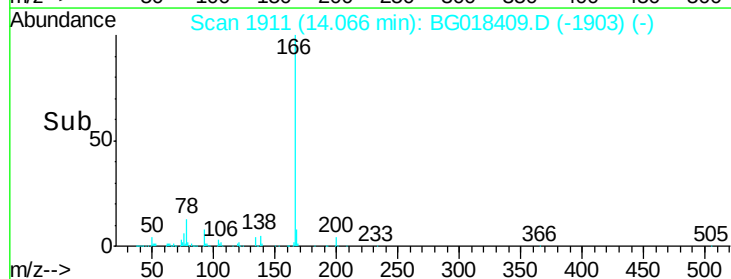
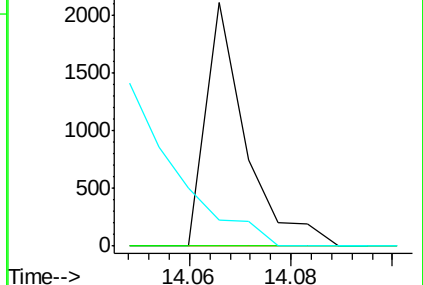
121 10.5 19.4 29.2#

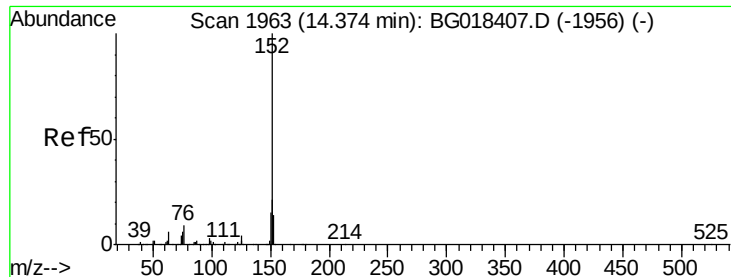


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

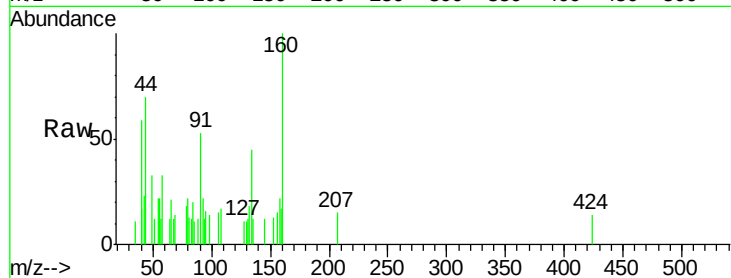
Tgt Ion:152 Resp: 68

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

153 0.0 10.8 16.2#

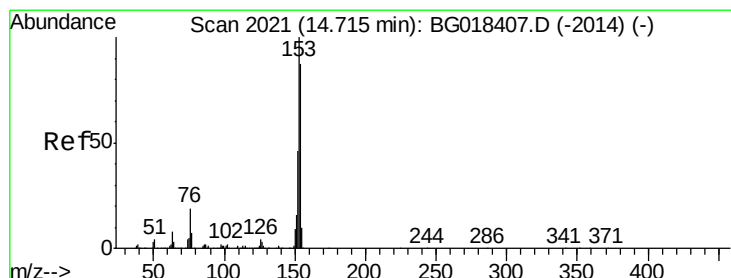
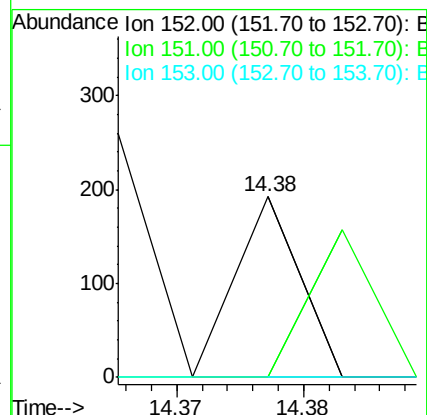
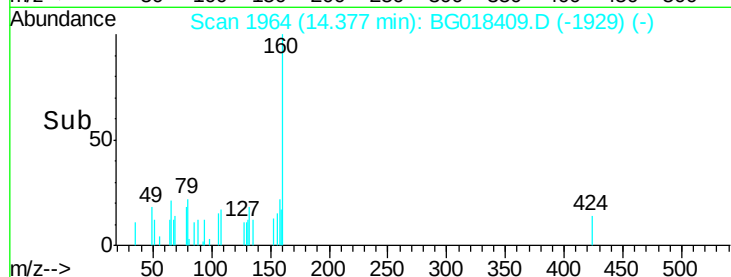


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



#50

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.72 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

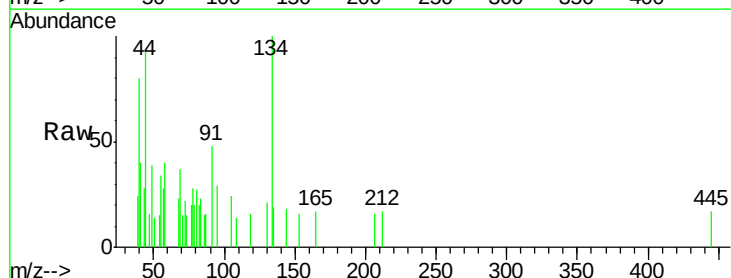
Tgt Ion:153 Resp: 63

Ion Ratio Lower Upper

153 100

152 0.0 38.2 57.4#

154 0.0 68.6 103.0#

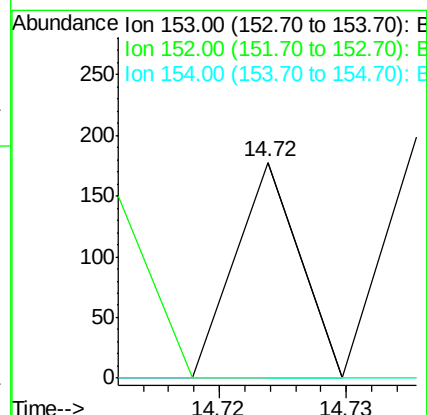
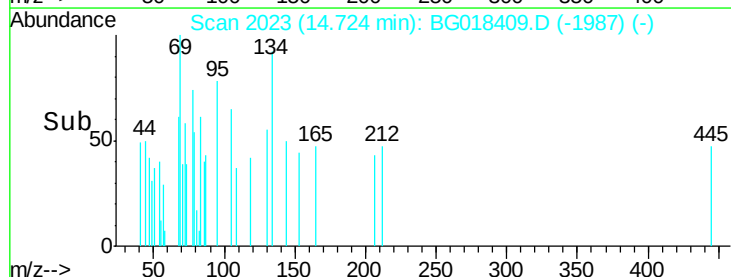


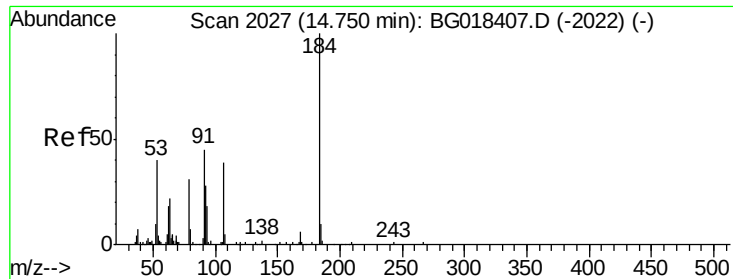
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->

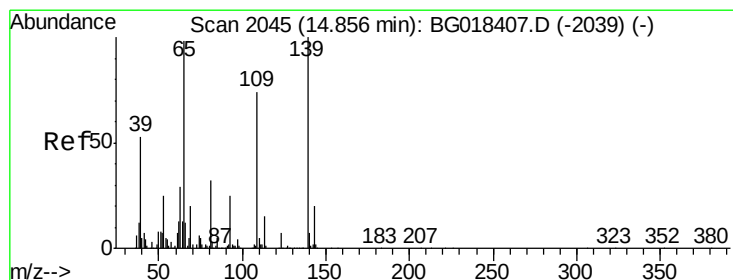
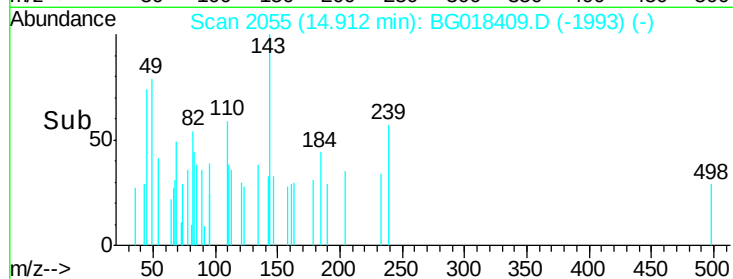
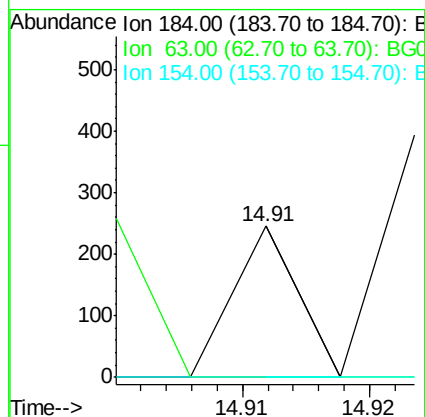
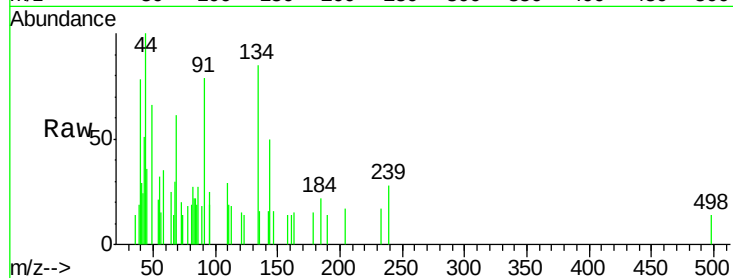




#51
2,4-Dinitrophenol
Concen: 0.04 ng/ul
RT: 14.91 min Scan# 2055
Delta R.T. 0.16 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

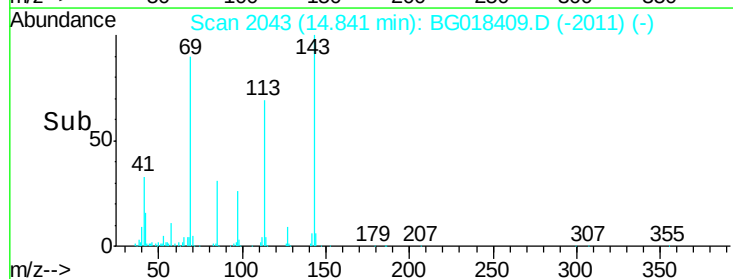
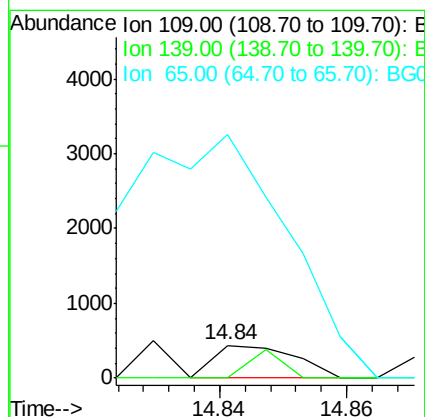
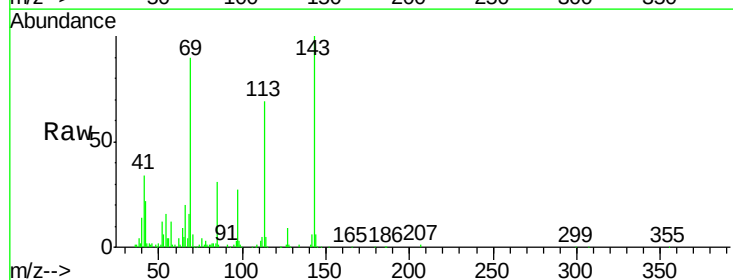
Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

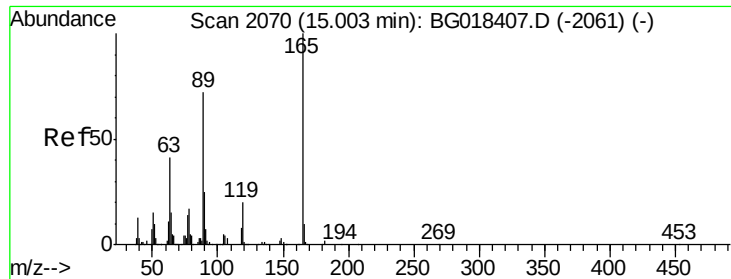
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 55.3 82.9#
154 0.0 58.2 87.2#



#53
4-Nitrophenol
Concen: 0.11 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Tgt Ion:109 Resp: 382
Ion Ratio Lower Upper
109 100
139 0.0 111.3 166.9#
65 751.7 105.3 157.9#

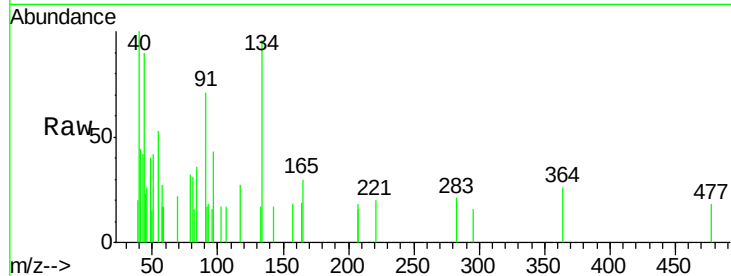




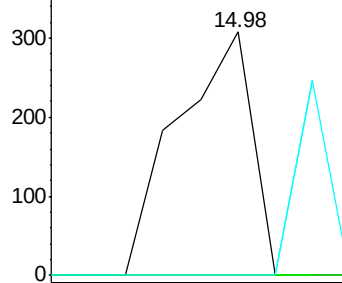
#55
2,4-Dinitrotoluene
Concen: 0.04 ng/ul
RT: 14.98 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

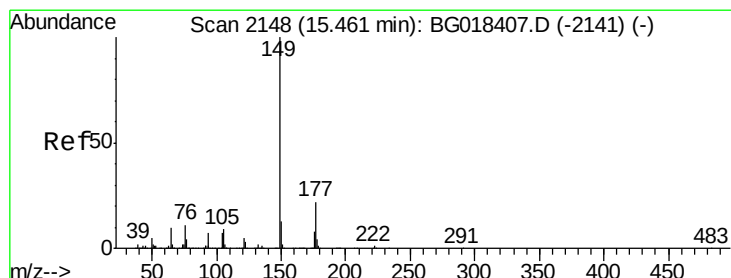
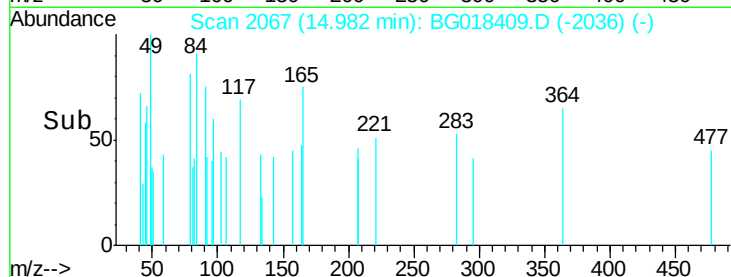
Tgt Ion:165 Resp: 252
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

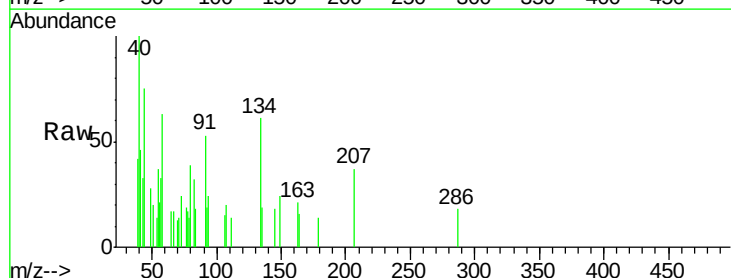


Time-->

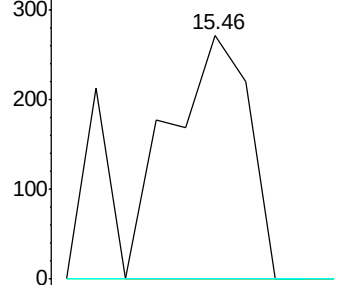


#57
Diethylphthalate
Concen: 0.01 ng/ul
RT: 15.46 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG018409.D
Acq: 12 Aug 2015 22:22

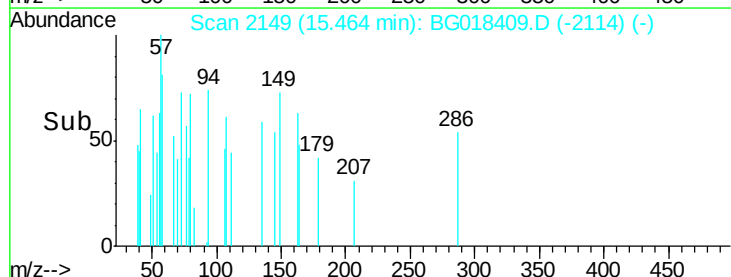
Tgt Ion:149 Resp: 295
Ion Ratio Lower Upper
149 100
177 0.0 18.2 27.4#
150 0.0 9.7 14.5#

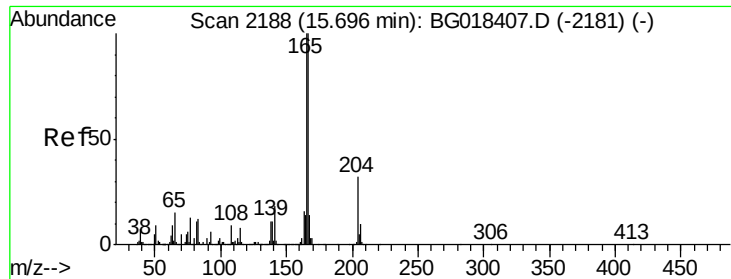


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->





#59

Fluorene

Concen: 0.07 ng/ul

RT: 15.64 min Scan# 2179

Delta R.T. -0.06 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

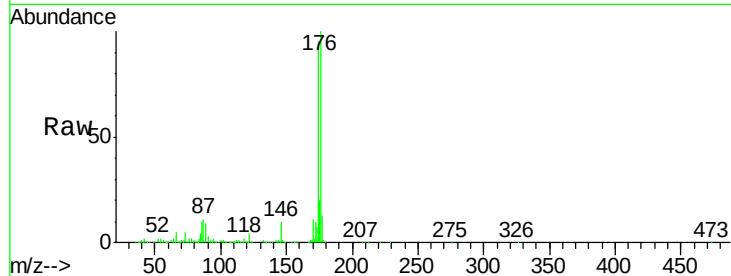
Tgt Ion:166 Resp: 1480

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

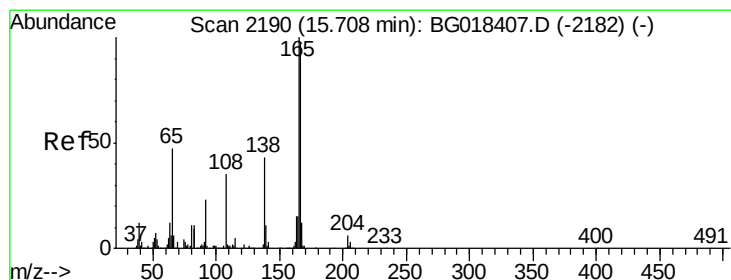
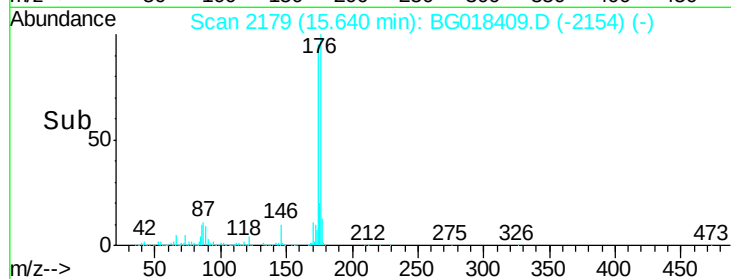
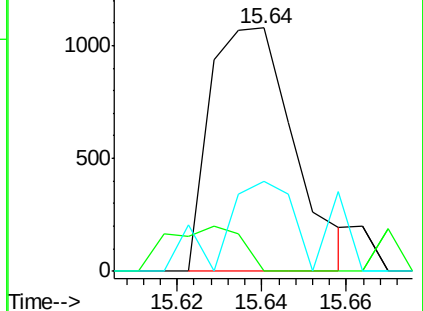
167 36.7 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 0.13 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.04 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

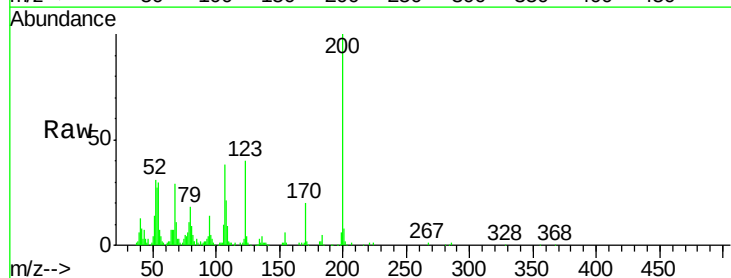
Tgt Ion:138 Resp: 629

Ion Ratio Lower Upper

138 100

92 149.7 44.0 66.0#

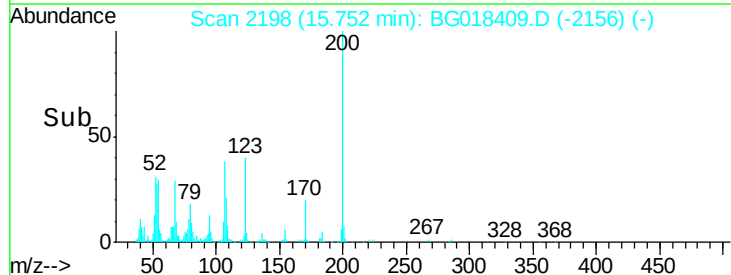
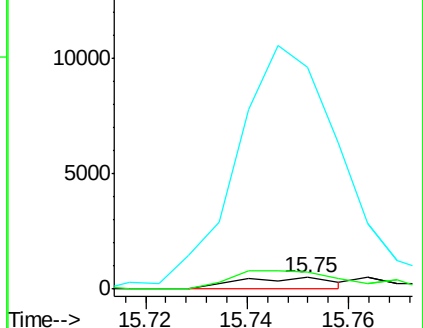
108 1954.2 64.6 97.0#

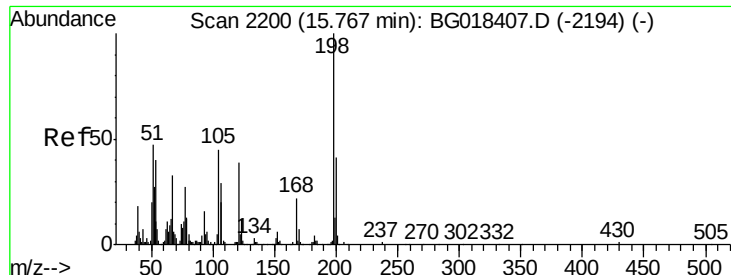


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 0.02 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

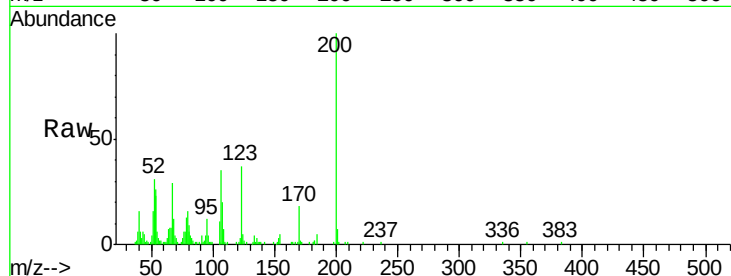
Tgt Ion:198 Resp: 74

Ion Ratio Lower Upper

198 100

182 373.5 3.4 5.0#

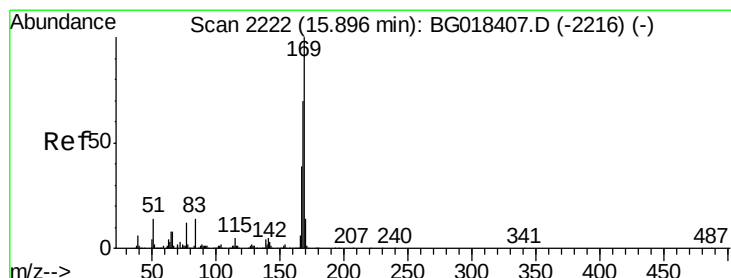
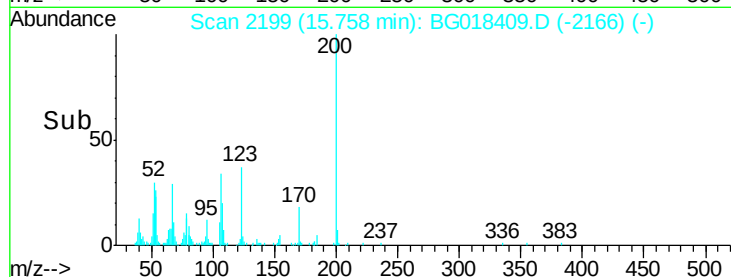
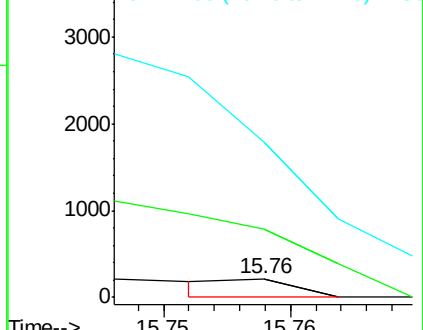
77 844.5 22.4 33.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#65

N-Nitrosodiphenylamine

Concen: 0.00 ng/ul

RT: 15.87 min Scan# 2218

Delta R.T. -0.03 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

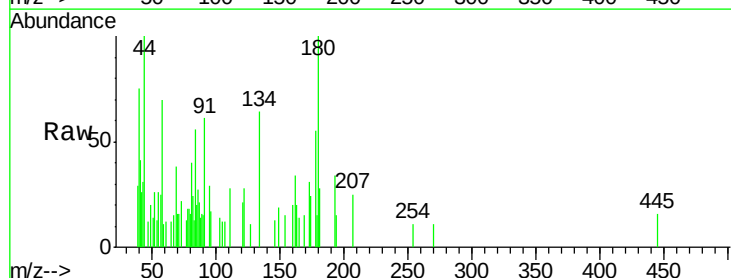
Tgt Ion:169 Resp: 75

Ion Ratio Lower Upper

169 100

168 100.0 60.2 90.2#

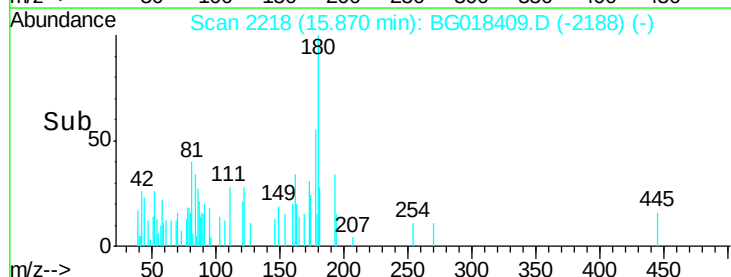
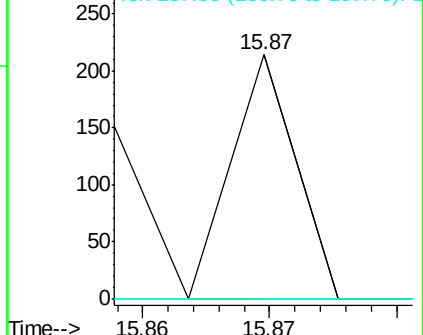
167 0.0 33.4 50.2#

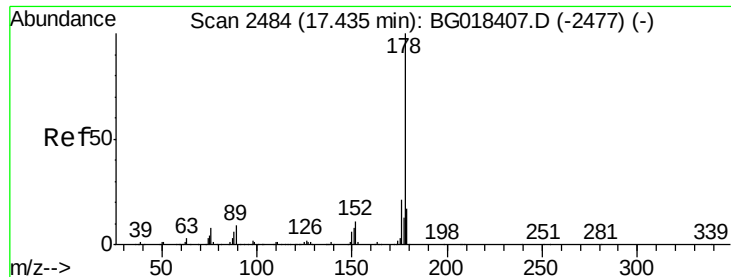


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.02 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

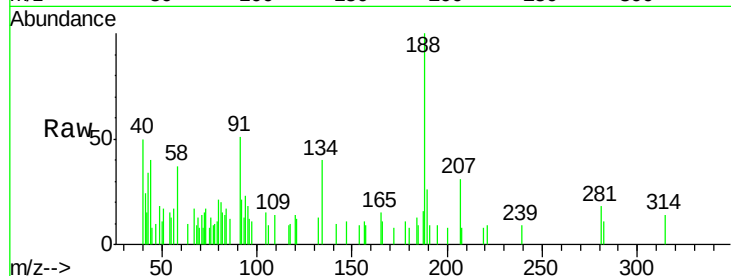
Tgt Ion:178 Resp: 132

Ion Ratio Lower Upper

178 100

179 0.0 13.7 20.5#

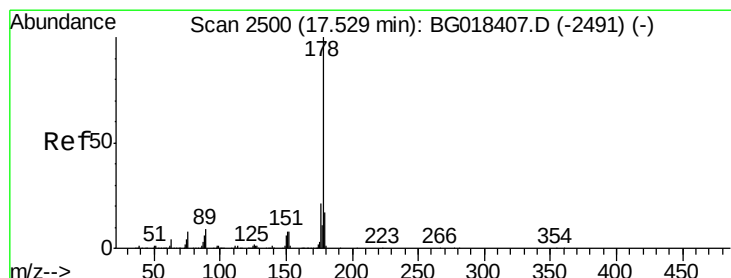
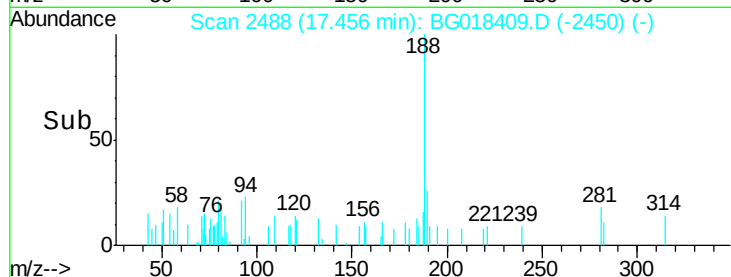
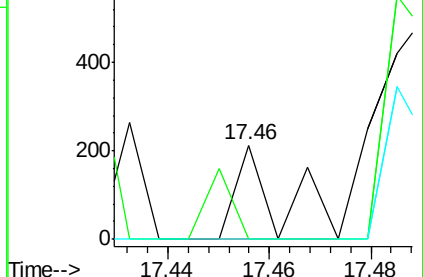
176 0.0 16.6 24.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 0.00 ng/ul

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

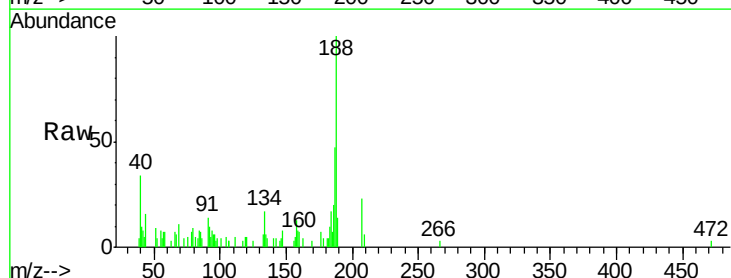
Tgt Ion:178 Resp: 70

Ion Ratio Lower Upper

178 100

179 0.0 13.0 19.4#

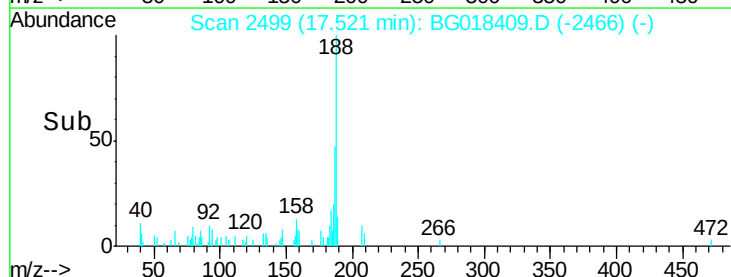
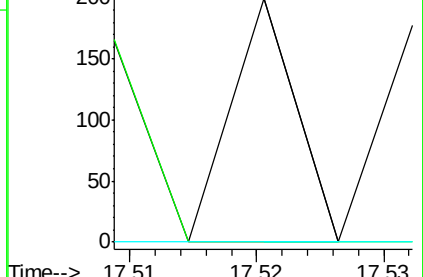
176 166.8 16.0 24.0#

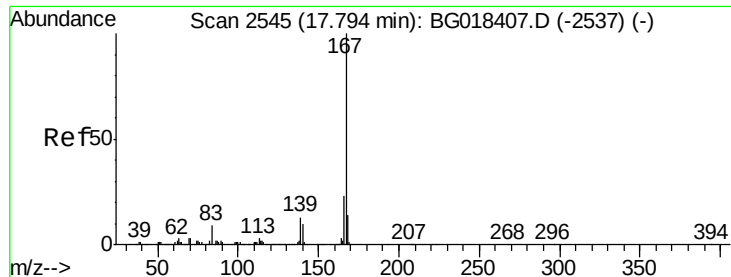


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

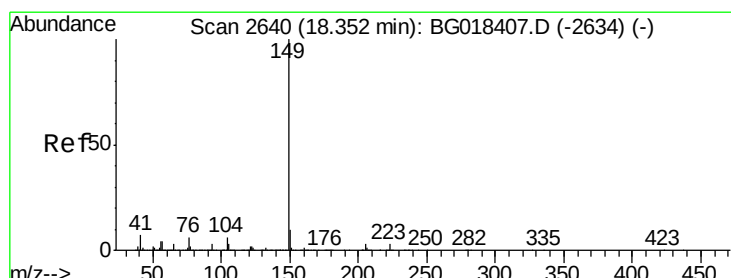
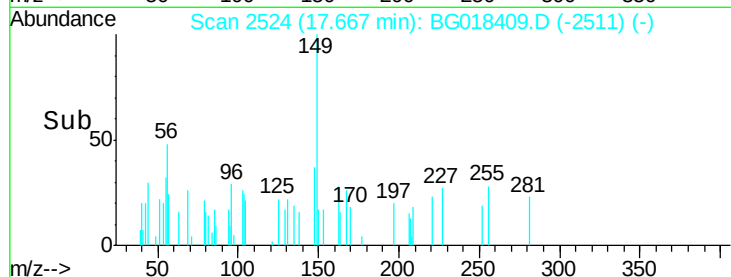
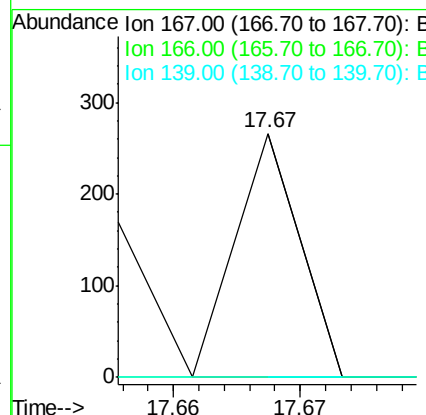
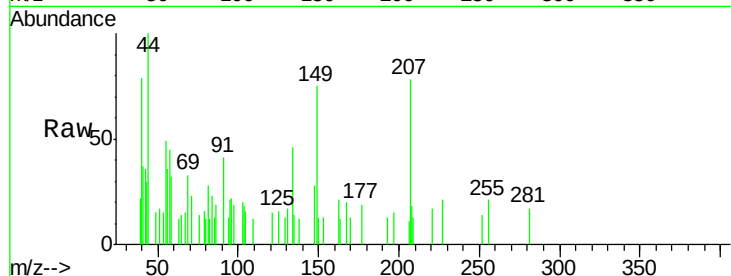




#75
 Carbazole
 Concen: 0.00 ng/ul
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.13 min
 Lab File: BG018409.D
 Acq: 12 Aug 2015 22:22

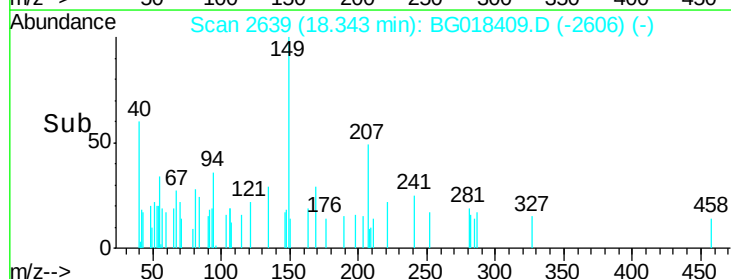
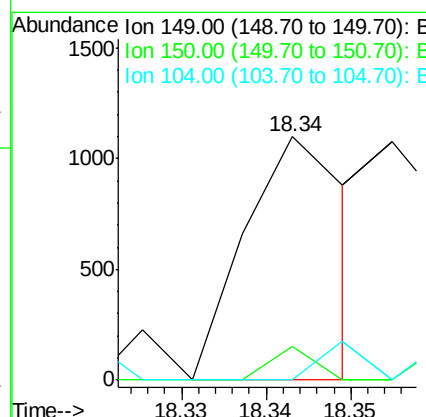
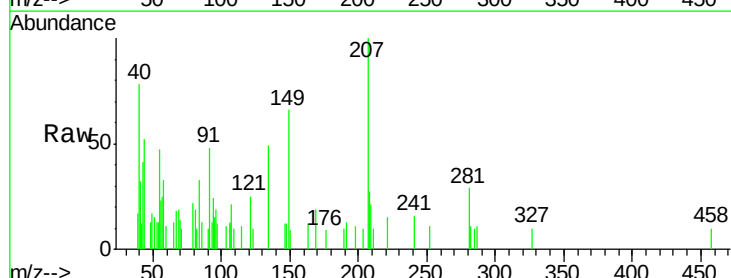
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

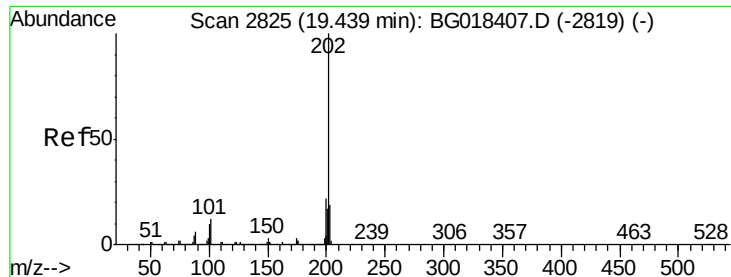
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.9	28.3#
139	0.0	10.1	15.1#



#76
 Di-n-butylphthalate
 Concen: 0.02 ng/ul
 RT: 18.34 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BG018409.D
 Acq: 12 Aug 2015 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	14.1	7.5	11.3#
104	0.0	4.3	6.5#





#77

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.44 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

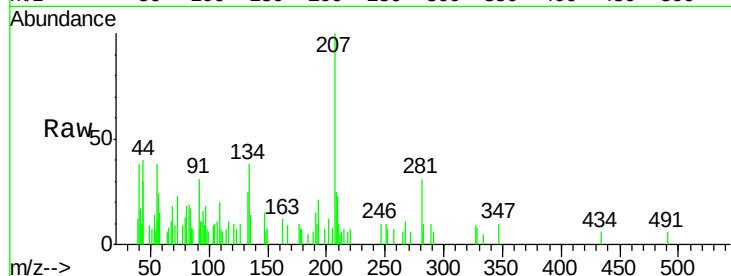
Tgt Ion:202 Resp: 210

Ion Ratio Lower Upper

202 100

101 0.0 9.7 14.5#

100 0.0 7.8 11.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

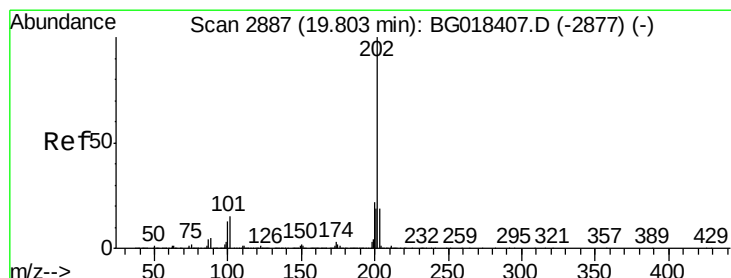
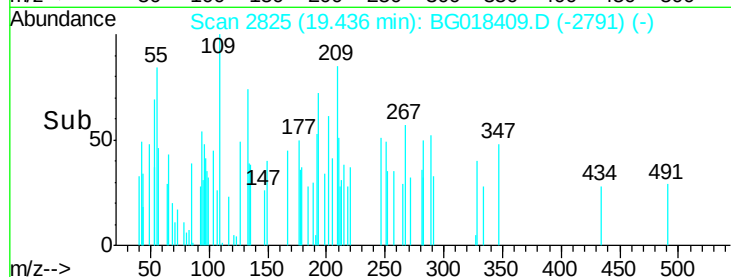
Ion 100.00 (99.70 to 100.70): B

19.44

19.43

19.42

Time-->



#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.81 min Scan# 2889

Delta R.T. 0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

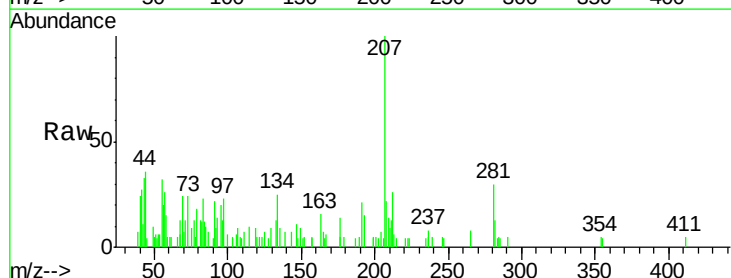
Tgt Ion:202 Resp: 55

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

100 158.3 9.8 14.6#



Abundance Ion 202.00 (201.70 to 202.70): E

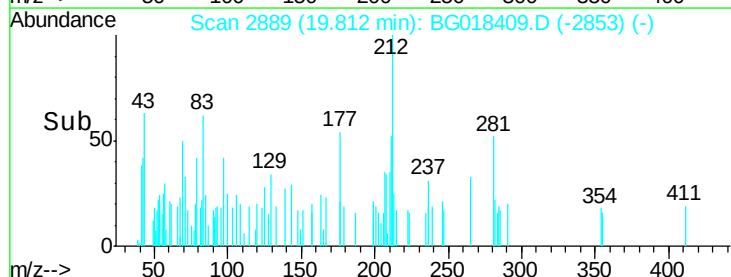
Ion 101.00 (100.70 to 101.70): E

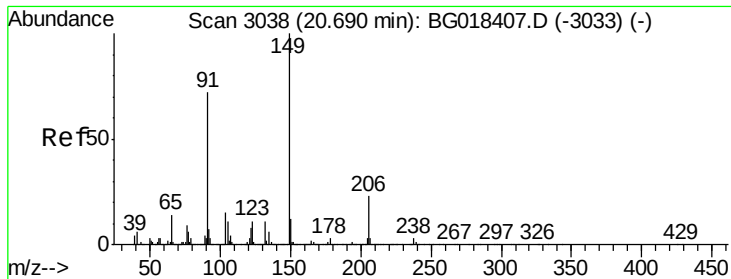
Ion 100.00 (99.70 to 100.70): B

19.81

19.82

Time-->





#81

Butylbenzylphthalate

Concen: 0.03 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

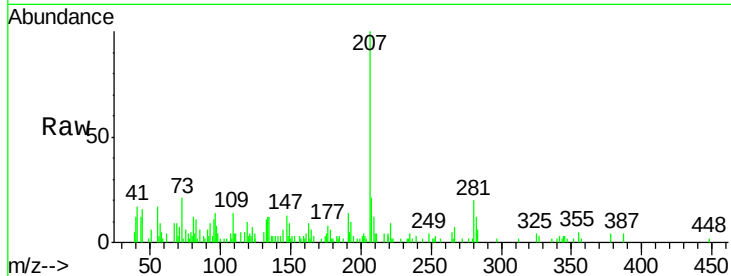
BNA_G

ClientSampleId :

MDL-02-S-ML

Tgt Ion:149 Resp: 452

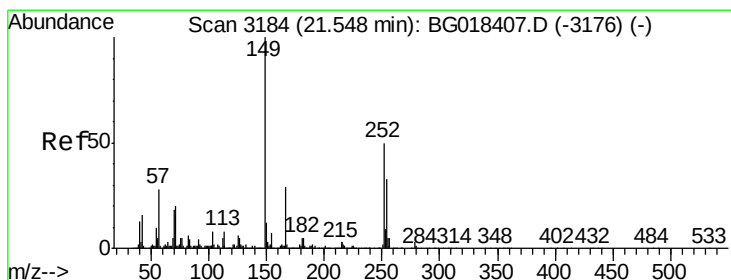
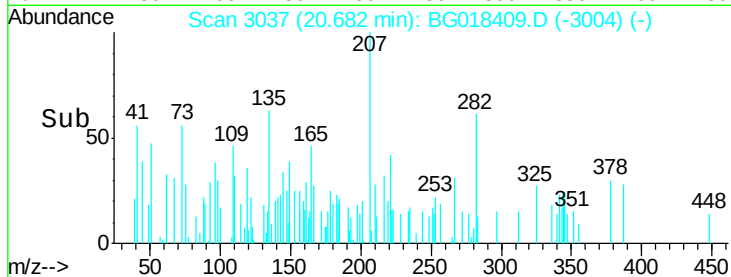
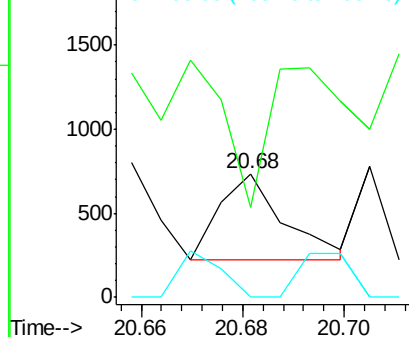
Ion	Ratio	Lower	Upper
149	100		
91	72.7	57.9	86.9
206	0.0	17.9	26.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.03 ng/ul

RT: 21.55 min Scan# 3185

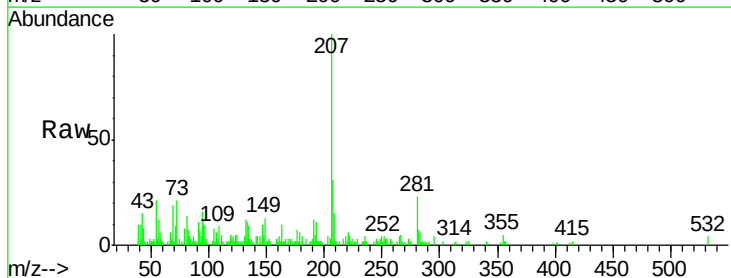
Delta R.T. 0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Tgt Ion:252 Resp: 444

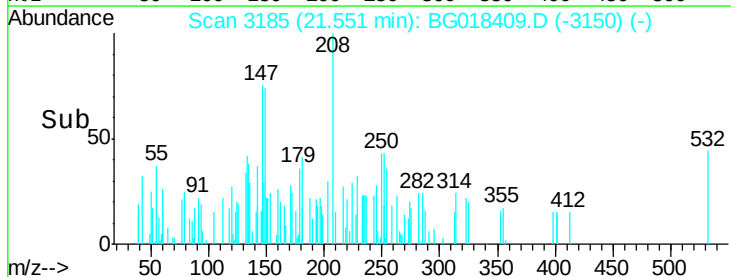
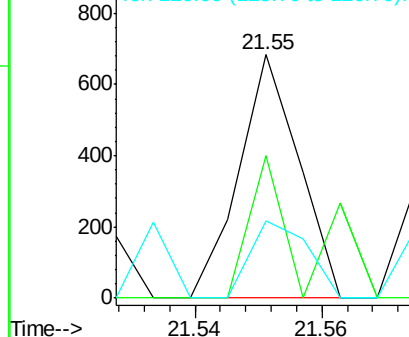
Ion	Ratio	Lower	Upper
252	100		
254	58.3	50.9	76.3
126	31.4	9.6	14.4#

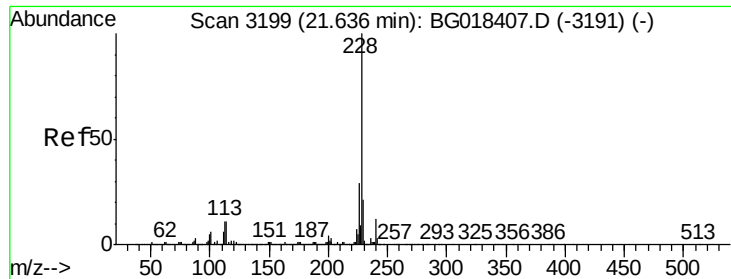


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.62 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

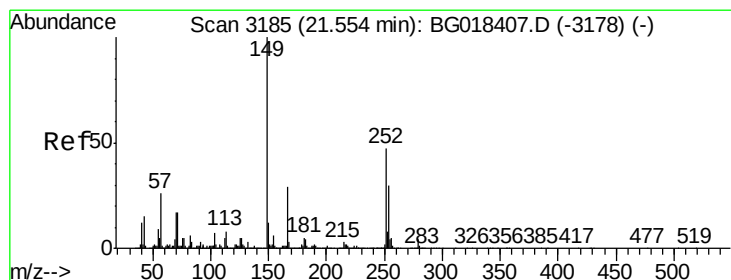
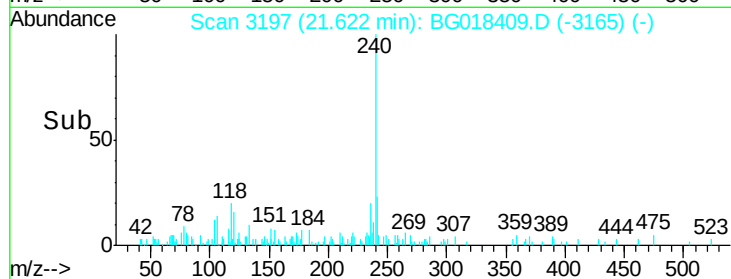
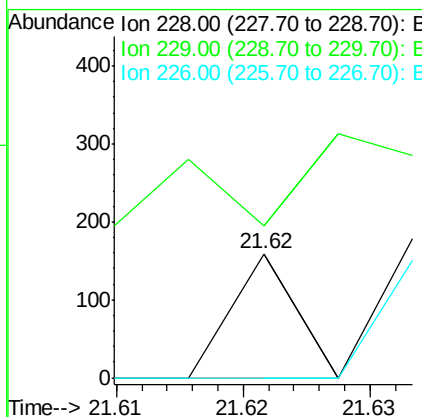
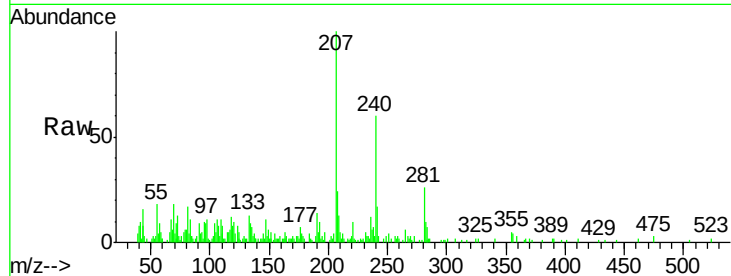
Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

Tgt Ion:	228	Resp:	56
Ion	Ratio	Lower	Upper
228	100		
229	122.6	15.5	23.3#
226	0.0	22.1	33.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng/ul

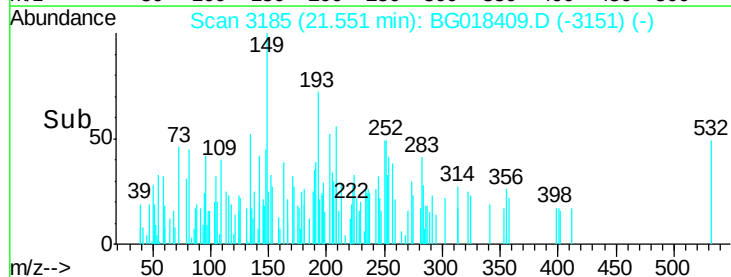
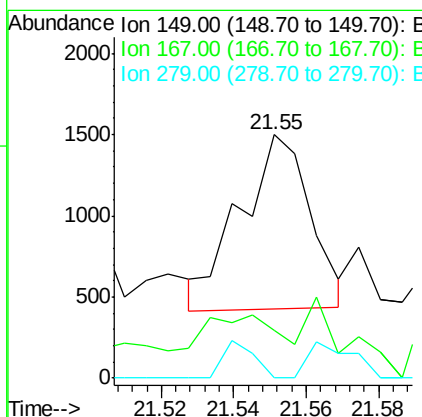
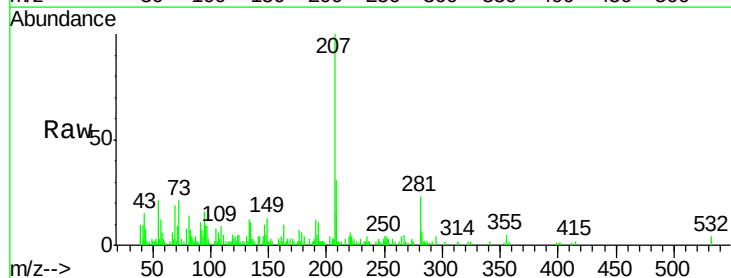
RT: 21.55 min Scan# 3185

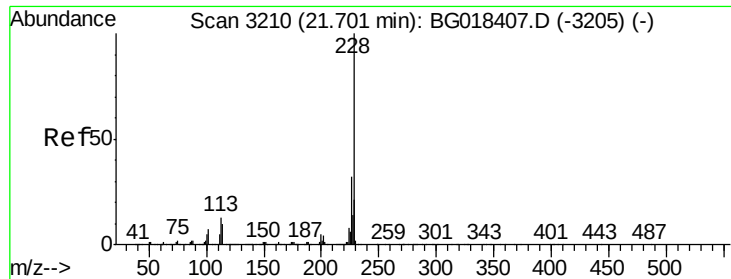
Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Tgt Ion:	149	Resp:	1446
Ion	Ratio	Lower	Upper
149	100		
167	19.9	22.2	33.2#
279	0.0	2.8	4.2#





#85

Chrysene

Concen: 0.00 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

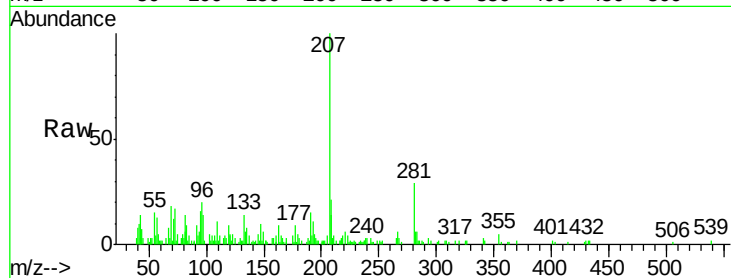
Tgt Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 107.8 26.5 39.7#

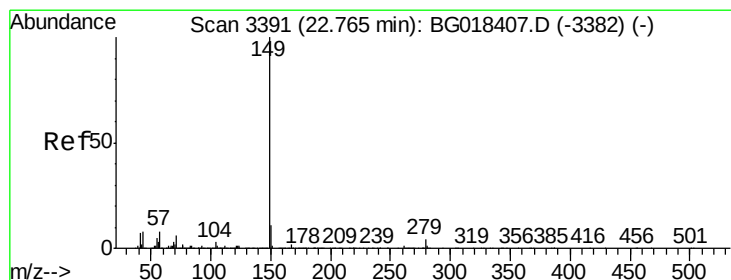
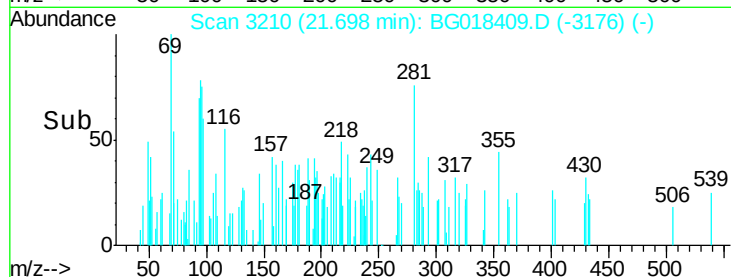
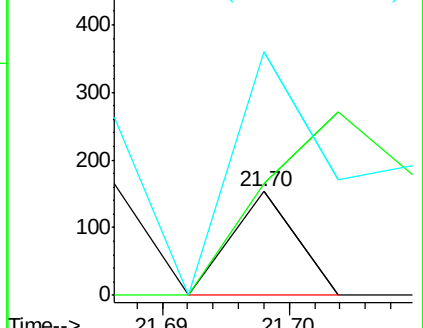
229 352.9 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Di-n-octyl phthalate

Concen: 0.02 ng/ul

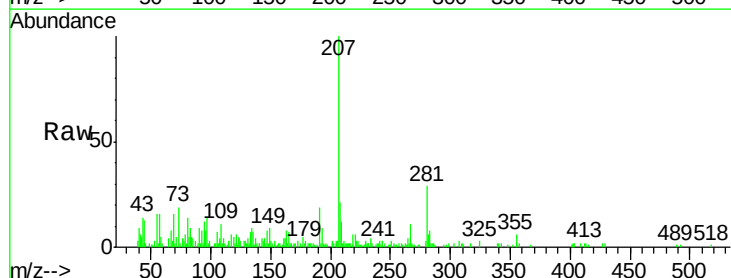
RT: 22.77 min Scan# 3392

Delta R.T. 0.00 min

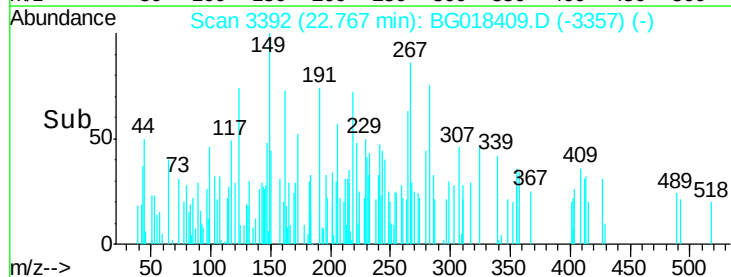
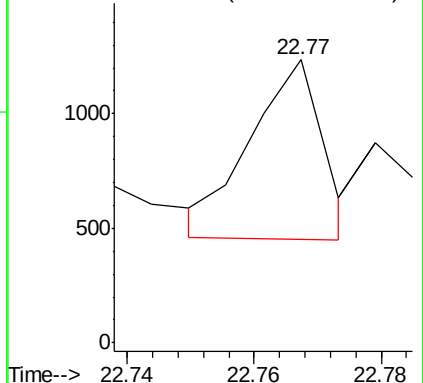
Lab File: BG018409.D

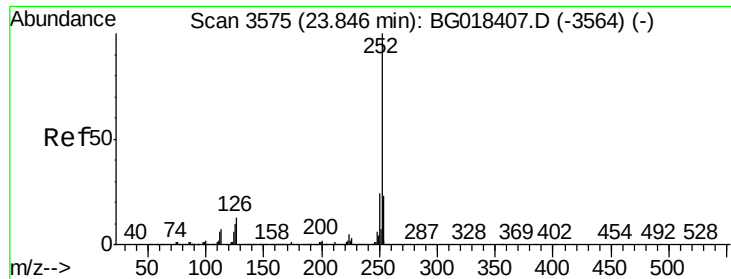
Acq: 12 Aug 2015 22:22

Tgt Ion:149 Resp: 613



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.83 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

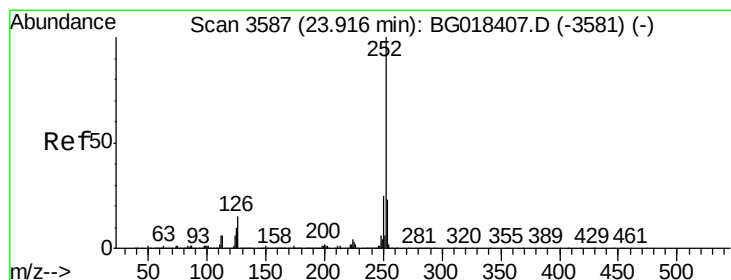
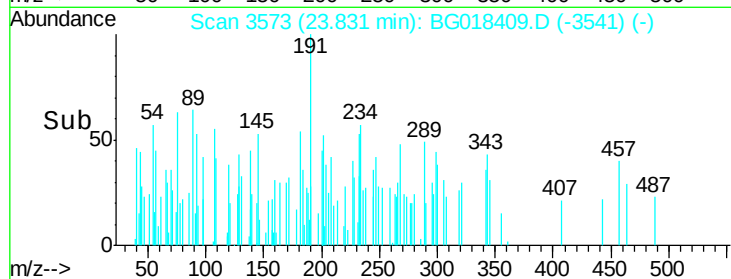
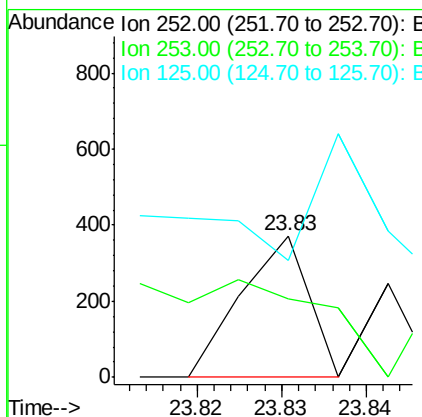
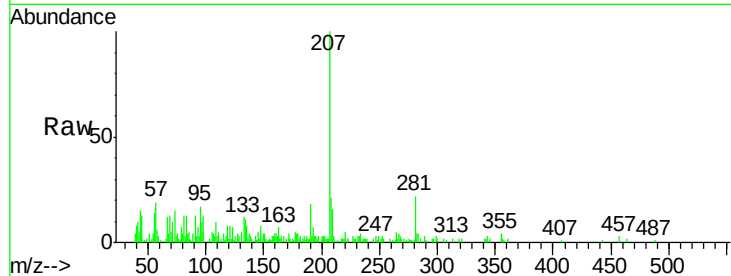
Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

Tgt Ion:	252	Resp:	206
Ion Ratio	Lower	Upper	
252	100		
253	55.4	18.1	27.1#
125	82.3	8.3	12.5#



#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

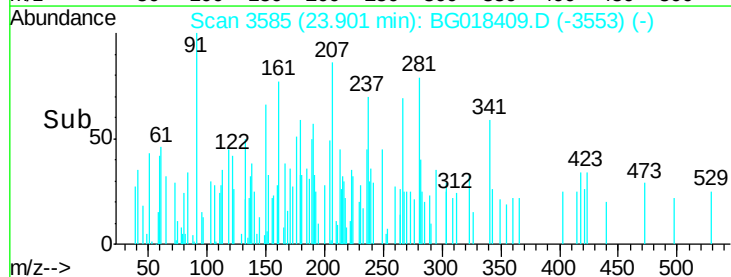
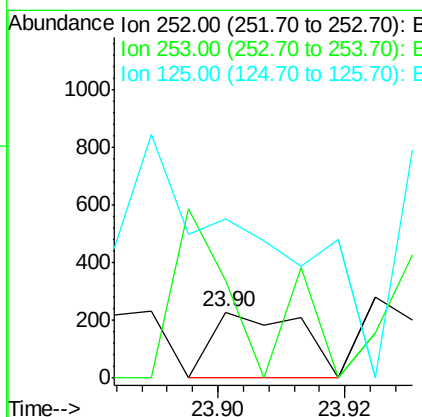
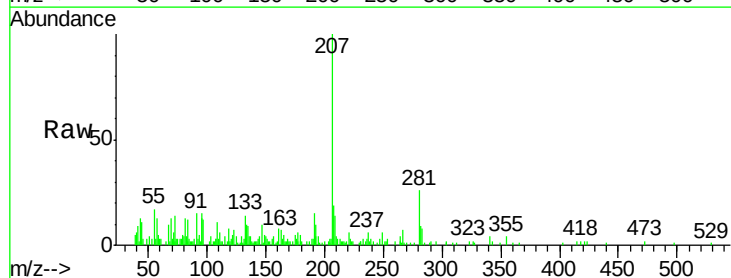
RT: 23.90 min Scan# 3585

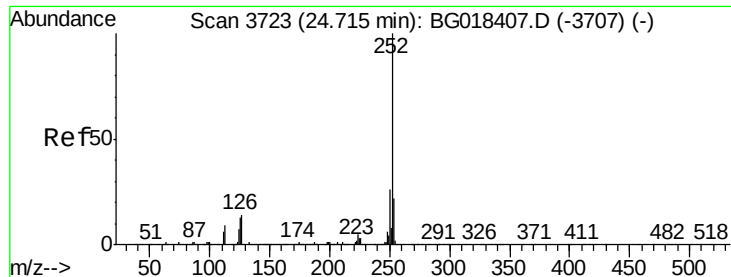
Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Tgt Ion:	252	Resp:	219
Ion Ratio	Lower	Upper	
252	100		
253	148.5	17.8	26.6#
125	241.9	9.0	13.4#





#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.71 min Scan# 3723

Delta R.T. -0.00 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

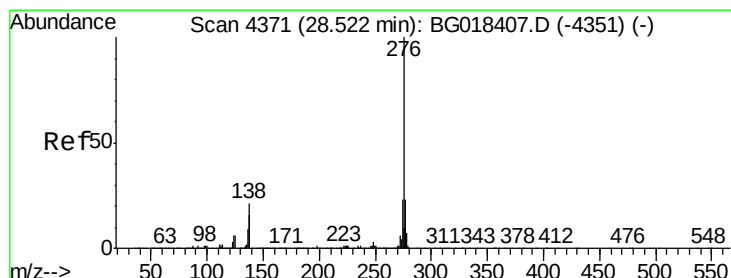
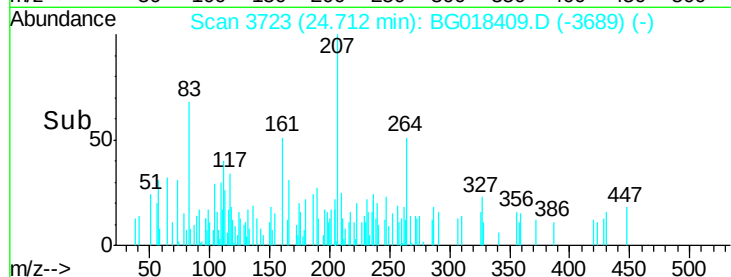
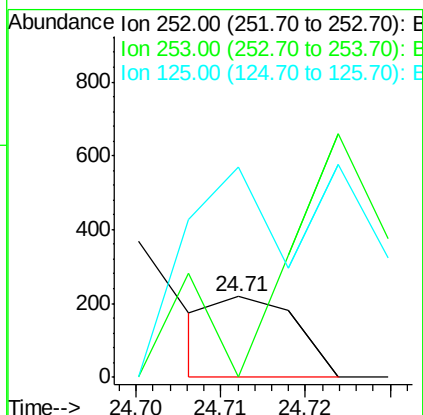
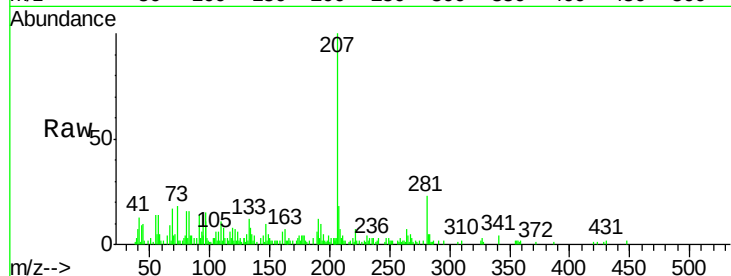
Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

Tgt Ion:	252	Resp:	141
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.7	26.5#
125	259.8	10.2	15.2#



#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

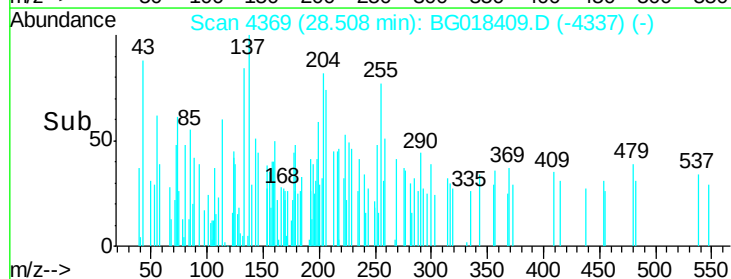
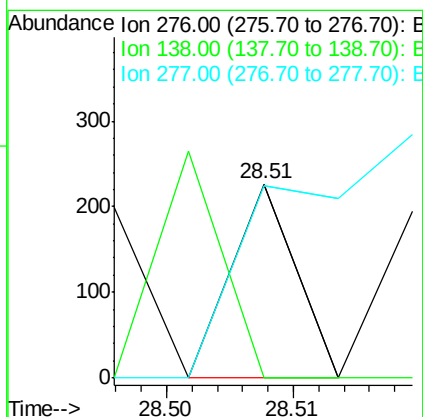
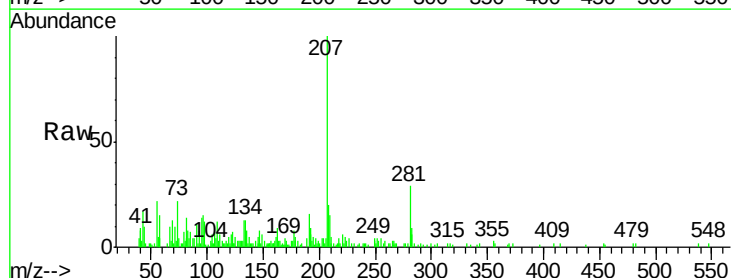
RT: 28.51 min Scan# 4369

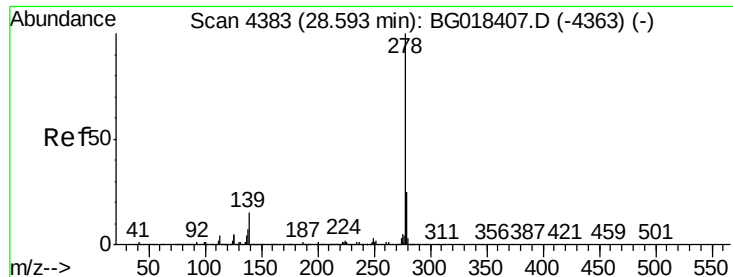
Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Tgt Ion:	276	Resp:	80
Ion Ratio	Lower	Upper	
276	100		
138	0.0	15.8	23.6#
277	99.6	18.9	28.3#





#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.58 min Scan# 4382

Delta R.T. -0.01 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

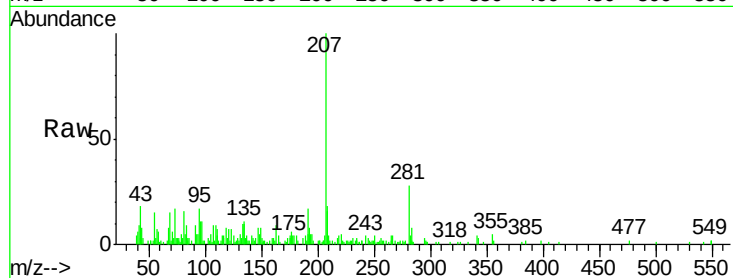
Tgt Ion:278 Resp: 77

Ion Ratio Lower Upper

278 100

139 125.8 13.8 20.6#

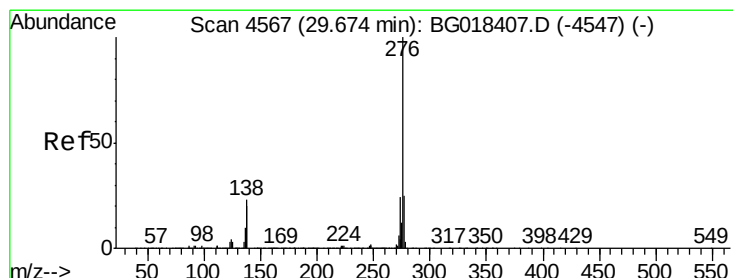
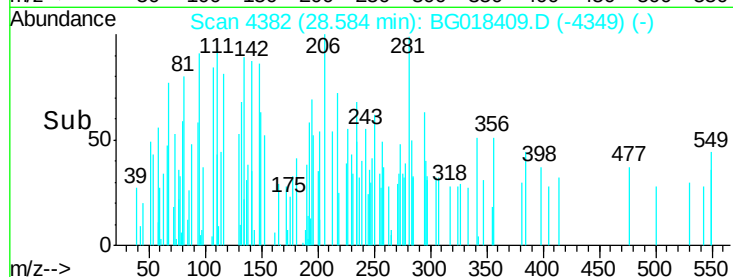
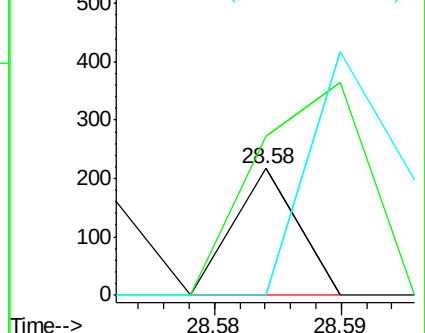
279 0.0 17.8 26.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 29.61 min Scan# 4557

Delta R.T. -0.06 min

Lab File: BG018409.D

Acq: 12 Aug 2015 22:22

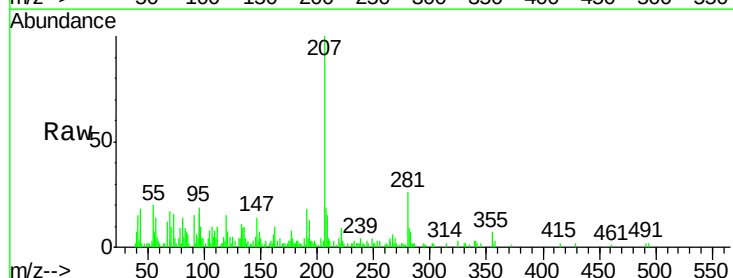
Tgt Ion:276 Resp: 253

Ion Ratio Lower Upper

276 100

138 91.8 16.5 24.7#

277 87.7 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

